

THE BIG RED BOOK

Caravan Accessories from Crusader Products



 **CRUSADER**
PRODUCTS *Live life...Live leisure*

Live life...Live leisure



Welcome to Crusader Products

A family run business, committed to providing our customers with the highest standard of service.

Crusader Products

We are delighted that you are taking the time to look at our latest and largest catalogue to date. Crusader Products is committed to supplying the highest quality Caravan, Motorhome and Outdoor Leisure products at the best possible price.

We believe in strong working relationships with our valued customers and have a highly regarded team of experienced and enthusiastic outdoor leisure specialists always on hand to answer any enquiries you may have.

We have over 3500 lines in our NEW catalogue. We have several new sections in the catalogue including Outdoor Leisure, which has a fantastic range of furniture and outdoor lifestyle products. We are committed to remaining at the forefront of design and innovation and are proud to have led design and colours in recent years.

Website

Along with the new catalogue we have updated our Website and online ordering. The increased accessibility of this system has proven extremely useful for an increasing number of customers, and means you can place orders online at your own convenience. We hope that you find this facility easy to use and a major step forward.
www.crusaderproducts.co.uk

Thank you for your continued support and we look forward to a dynamic future together in the outdoor leisure industry.
Live life...Live leisure!

Yours sincerely



John Atkinson
Sales Director

We're here to help...

Telephone Order Line

01159 736 939

Our experienced and friendly customer service team will be happy to take your order, or offer help and advice.

Fax Order Line

01159 731 562

Fax your order to us at any time, using the order form at the back of this catalogue. Please enter full details of the goods you require.

Email & Website:

sales@crusaderproducts.co.uk

www.crusaderproducts.co.uk

Email your order to us at:

sales@crusaderproducts.co.uk including full dealer details, part numbers and quantities required.

Post:

Crusader Products Ltd,
Gordon House, Acton Grove,
Long Eaton, Nottingham, NG10 1FY

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A superb range of quality leisure products for all those who enjoy the Great Outdoors. Many of these products are brought exclusively to you by Crusader Products. From a full range of comfortable and luxurious furniture to BBQs, Awnings and awning accessories and spares.

Outdoor Leisure

- Outdoor Leisure Furniture
- Awnings
- Leisure Matting
- Tent & Awning Accessories
- Tent & Awning Pegs
- Awning Accessories
- Kitchen, Cooking & Steps
- Barbeques
- Yourlite



V795/B

Padded Lounger in Black

Reclines and locks at any position. With sliding headrest. Lifts your body to the highest level of relaxation. Chaise bungee-cord suspension system. Attachable cup holder.



V783/B - Luxury Padded Recliner
W100 - Matching Footstool

Luxury Padded Recliner in Black with matching Footstool

Relaxing bungee suspension system. Lightweight aluminium frame. With Sliding headrest. Fully adjusts to 8 different positions.



V780/X - Luxury Lollipop Chair with Black Mesh
W102 - Footstool for Black Lollipop Chair

Luxury Lollipop Chair with Black Mesh with matching Footstool

A quality 6 position high back reclining chair. With padded seat and headrest. In a heavy duty weatherproof textilene material.



V798

Deluxe Directors Chair in Black with Side Table and Cup Holder

With foldable side table, and drinks holder. Padded armrests. Lightweight aluminium frame. Folds to compact size. Webbed backrest for added comfort.



V780/B - Lollipop Chair in Black
W102 - Matching Black Footstool

**Lollipop High Back Chair
(Black Textilene)**

High quality 6-position high back reclining chair, in heavy duty fully weatherproof textilene material. Strong and lightweight. Comes with removable padded headrest.



V780/DB - Lollipop Chair in Dark Blue
W114 - Matching Dark Blue Footstool

**Lollipop High Back Chair
(Dark Blue Textilene)**

High quality 6-position high back reclining chair, in heavy duty fully weatherproof textilene material. Strong and lightweight. Comes with removable padded headrest.



V786

**Big George Padded Chair in Grey
with carry bag and insulated cup holder**

Extremely comfortable. With padded backrest, seat, and headrest. 3-Position adjustable backrest. With insulated cup holder. Complete with Carry Bag.



V786/U

**Big George Padded Chair in Blue
with carry bag and insulated cup holder**

Extremely comfortable. With padded backrest, seat, and headrest. 3-Position adjustable backrest. With insulated cup holder. Complete with Carry Bag.





W103

**Globe Trotter Chair
in Black**

Compact Foldable Structure, Easily Transportable. Comes with Carry Bag foldable to compact size. Sponge padded seat and backrest. Streamline strong armrest, adjusts to 3 positions.



W109

**EZL Directors Chair in Black
with Advanced Folding Mechanism**

Foldable for compact storage and easy carrying. With a flip down side table. Sturdy 25mm frame.



W111

**Compact Camp
Crusader Chair in grey**

Sturdy EVA armrest. Foldable to compact size for storage and easy carrying. PVC with sponge padding.



W110

**TT Crusader Chair
in grey**

Folding Chair foldable to compact size for storage and easy carrying. PVC with sponge padding.



W112 - Compact CPL Table with extendable legs
W104 - Large CPL Table with extendable legs

Luxury CPL Table
with extendable legs

Foldable legs to compact size for easy carrying.
Height adjustable. Great clean looking surface for any occasion.
Small : 80 x 60 x 69cm / Large : 120 x 80 x 69cm



W105

CPL Table and Stool Combo

Lightweight multi-use Stool/Table. Folds to compact carry size.
With aluminium binding and legs.
42 x 42 x 48cm



V788 - Compact Jill Table
V788/L - Large Jill Table

Foldable Jill Table
with slate wood effect table top

Folds up flat for compact storage.
With side handle for easy carrying.
Large : 122 x 71 x 62cm / Small : 70 x 60 x 80cm



V775

Jack Table
with slate wood effect table top

Aluminium double-leaf folding table
with slate wood effect table top.
120 x 60 x 70 cm

CLIMATE ZONE 300

Lightweight Awning



A Spacious 3 Metre wide Lightweight Awning in Stylish Two-tone Grey

- Strong Adjustable 19mm Steel Poles
- 3 Door Positions with Flynet
- Waterproof and UV Resistant
- Rear Support Poles Included
- All Windows with Roll Up Blinds
- Complete with Awning Draught Strip
- Floorplan Dimensions 300cm x 250cm
- 12.5mm heavy Duty Fibreglass Roof Poles
- Heavy Duty 210T Ripstop Polyester
- Full Set of Durable Pegs
- Sewn in Rear Sealing Bumper Pads
- High Visibility Guy Lines Included
- Fully taped seams
- Box Size 88 x 30 x 32cm Net Weight: 14kg



**READY
TO GO**
All You Need
is a Groundsheet
See Page 12



V910 - Climate Zone 300

CLIMATE AIR ZONE 300

Lightweight Awning

OUTDOOR LEISURE - Lightweight Air Awning



A Spacious 3 Metre wide Air Awning in Stylish Two-tone Grey
- Erected in minutes with easily inflatable bladders

- Quick and Easy Inflatable Tubes
- 2 Side Doors with Extra Flynet Panels
- Waterproof and UV Resistant
- Rear Support Poles Included
- All Windows with Roll Up Blinds
- Complete with Awning Draught Strip
- Floorplan Dimensions 300cm x 250cm
- Quality Double Action Pump Included
- Heavy Duty 210T Ripstop Polyester
- 2 Roll Up Front Panels
- Sewn in Rear Sealing Bumper Pads
- High Visibility Guy Lines and Pegs Included
- Fully taped seams
- Box Size 90 x 35 x 45cm Net Weight: 15.5kg



READY
TO GO
All You Need
is a Groundsheet
See Page 12



V911 - Climate Air Zone 300

Live life... Live leisure

0115 973 6939
sales@crusaderproducts.co.uk



Paradise - Universal Eco-Friendly Groundsheet

- W300 - 2.5 x 2.5m Groundsheet with carry bag
- W301 - 3.0 x 2.5m Groundsheet with carry bag
- W302 - 3.5 x 2.5m Groundsheet with carry bag
- W303 - 4.0 x 2.5m Groundsheet with carry bag
- W304 - 4.5 x 2.5m Groundsheet with carry bag
- W305 - 5.0 x 2.5m Groundsheet with carry bag
- W306 - 5.5 x 2.5m Groundsheet with carry bag
- W307 - 6.0 x 2.5m Groundsheet with carry bag
- W308 - 6.5 x 2.5m Groundsheet with carry bag
- W309 - 7.0 x 2.5m Groundsheet with carry bag
- W310 - 7.5 x 2.5m Groundsheet with carry bag
- W311 - 8.0 x 2.5m Groundsheet with carry bag

A luxurious reversible monochrome diamond-patterned ground covering for the floor of Caravan Awnings, Tents, Motorhome Annexes, Beaches, Tents, Marquees, Boats, Decking, Patios, Conservatories, or even in the Garden!

- Non-slip warm finish
- Partly Recycled, Better for the environment
- Attractive two tone weave
- Soft to the touch
- UV Stable
- Hardwearing
- Breathable for grass
- Hemmed for extra strength
- Sleek patterned design
- Virgin PP Material (polypropylene)



Eden Matting - Luxury Breathable Carpet

- V820 - 2.5 x 2.5m Groundsheet with carry bag
- V821 - 3.0 x 2.5m Groundsheet with carry bag
- V822 - 3.5 x 2.5m Groundsheet with carry bag
- V823 - 4.0 x 2.5m Groundsheet with carry bag
- V824 - 5.0 x 2.5m Groundsheet with carry bag
- V825 - 6.0 x 2.5m Groundsheet with carry bag
- V826 - 7.0 x 2.5m Groundsheet with carry bag

A luxury grey striped breathable carpet from Crusader, specially designed for outdoor leisure. Ideal for use with Caravans, Tents, Motorhomes, Marquees, and Awnings. UV stabilized, Rot Proof, Breathable and Easy To Clean.

- Breathable
- Keeps warmth in
- Easy to clean
- Rot Proof
- UV-Stabilized
- Grass Friendly
- Hard-Wearing
- Free Carry Bag
- Attractive two tone weave
- Breathable for grass
- Reversible stripe-patterned design



Deluxe Tread - complete with pegs and eyelets

- V250 - 2.5 x 2.5m Carpet with pegs & carry bag
- V251 - 3.0 x 2.5m Carpet with pegs & carry bag
- V252 - 3.5 x 2.5m Carpet with pegs & carry bag
- V253 - 4.0 x 2.5m Carpet with pegs & carry bag
- V254 - 4.5 x 2.5m Carpet with pegs & carry bag
- V255 - 5.0 x 2.5m Carpet with pegs & carry bag
- V256 - 5.5 x 2.5m Carpet with pegs & carry bag
- V257 - 6.0 x 2.5m Carpet with pegs & carry bag
- V258 - 6.5 x 2.5m Carpet with pegs & carry bag
- V259 - 7.0 x 2.5m Carpet with pegs & carry bag
- V260 - 7.5 x 2.5m Carpet with pegs & carry bag

A luxury breathable carpet specially designed to allow grass to survive, and to withstand outdoor leisure use. Comes complete with ground pegs, and a free reusable carry bag.

- Complete with Pegs
- Keeps warmth in
- Easy to clean
- Reusable Carry Bag
- Breathable
- Rot Proof
- UV Stabilized
- Hard-Wearing
- Alloy Eyelets
- Sewn Edges



L133 - 7"
L131 - 9"

Steel Wire
Tent Pegs



L135 - Aluminium Rippled 8"
L136 - Heavy Duty Peg

Heavy Duty and Rippled
Tent Pegs



L106 - Pack of 10
G711 - Bulk Pack of 1000

Grey Domed Pegs
for Awning Groundsheet



L134 - 5 1/2" (Pack of 5)
L130 - 8" (Pack of 10)
L113 - 8" (Bulk Pack of 1000)

Plastic Tent
Pegs



L146

Screw Pegs

(Carry Case of 20)



L144

Glow Rock Pegs
200mm x 7mm

(Carry Case of 20)



L145

Hard Ground Pegs
200mm x 6mm

(Carry Case of 20)



L143

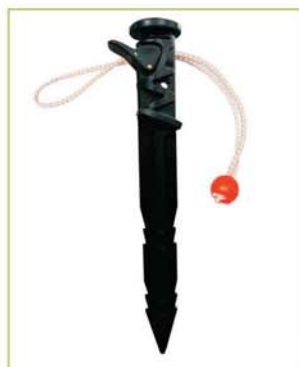
Rock Pegs with Screw Thread
200mm x 7mm

(Carry Case of 20)



G715

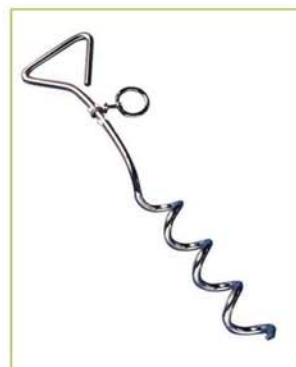
W4 Peg Extractor



L142

Cam Pegs

(Bulk Box of 25)



L521

Dog Anchor



T112 - with Wooden Handle
T109 - with Steel Handle

Rubber Mallet
with Handle



N174

Guy Line Runners - Bent

(Pack of 5)



N175

Guy Line Runner - Slotted

(Pack of 5)



N176

Plastic Triangular Guy Line Runners

(Pack of 5)



N177

Guy Line (6m)



N178

Elasticated Cord (5m)



N134

Tent Pole Ring c/w 2 pins



N280

Suction Cup with Hook



N137 - 21-23mm
N138 - 25-28mm

Butterfly Pole Clamps



N179 - 3/4" (19mm)
N180 - 7/8" (21mm)

Pole Clamp (pair)



N181 - 1" (25mm)
N182 - 1 1/8" (29mm)

Pole Clamp (pair)



N183 - 3/4" (19mm)
N184 - 7/8" (21mm)

Pole 'C' Clips (pair)



N185 - 3/4" (19mm)
N186 - 7/8" (21mm)
N187 - 1" (25mm)

Awning Pole Hook (pair)



N188

Pole Spike
3/4" (19mm)



N189 - 3/4" (19mm)
N135 - 7/8" (22mm)
N136 - 1" (25mm)

Pole Flanged Foot



N191

Pole Spring Joints

(Pack of 3)



N192

Spring Buttons

(Pack of 3)



N193

Inner Tent Hooks
3/4" (19mm)

(Pack of 3)



N195

Pole Hanging Hooks

(Pack of 3)



N202

Plastic Canopy Hooks
(Triangular)

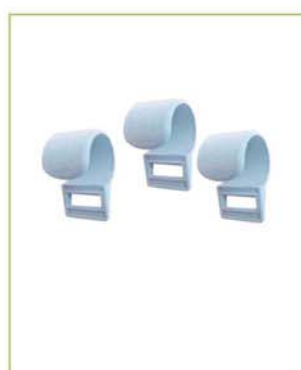
(Pack of 3)



N203

Metal Rope Hooks

(Pack of 3)



N221

Inner Tent Hooks
1" (25mm)

(Pack of 3)



N190

Rain Cowls
(Pair)



N281

Cord Lock



S381

Air Bed Plug



N196

Tent Bands
Large 90mm

(Pack of 3)



N197

Tent Bands
Extra Large 150mm

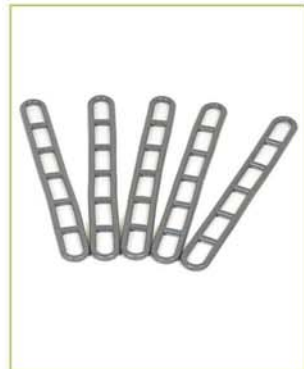
(Pack of 3)



N198

Inner Tent
Suspension Bands

(Pack of 5)



N199

Ladder Bands

(Pack of 5)



N200

Toggled Tent Bands

(Pack of 5)



N201

Ball Loops 3"
(76mm)

(Pack of 3)



V885

Universal
Awning Tie Down Kit



N250 - 3/8" (9.5mm) (Pkt of 20)
N251 - 1/2" (13mm) (Pkt of 10)

Brass Eyelets



N252 - 3/8" (9.5mm)
N253 - 1/2" (13mm)

Brass Eyelet
Closing Tool



N254

Awning Skirt Stud

(Pack of 5)



N255

Awning Skirt Stud
& Popper

Pack of 5)



N256

Awning Popper
Closing Tool



G695 - Rail Spreader

W4 Awning
Rail Accessories



G700

Awning Rail
Cleaning Brush



N282

Self Adhesive
Awning Stud

(Pack of 2)



G698

Alloy Compact Hanger



G693 - Blister Pack of 3
G694 - Single (loose)

Stepped Bracket Pads
for All Awning Channels



L520 - Single
L519 - Double

Wheel Arch Covers



L523

Figure of 8 Plastic Channel
for Awning Skirt

(30" / 750mm)



G702

Awning Pole Marking Kit



G699

Straight Awning Rail with
Screws and Sticky Back

(3 Lengths of 1.2m)



N173

Spare Screws
for Awning Rail



L518

Awning Rail
Protector

(12m Pack)



L620 - for 260 Awning
L621 - for 390 Awning

Awning Draught Skirt



V882

Plastic Single Step



V721

Single Step



V722

Double Step



T162

Ecobin
Foldable Waste Disposal



M505

Multi-Purpose Holder
250 x 200



T105

Clothes Airer
Rotary free-standing



F550

Cutlery Tray



F551

Drawer Tidy



N101

Multi Purpose Shelf
Expandable
for Ovens or Fridges

(350mm-560mm)



T256

Mini Grill Pan with Wire
and Detachable Handle



V739

Combo Portable Gas BBQ
with Folding Trolley



V950 - Gordon BBQ
V949 - Spare Burner

Gordon BBQ
Complete with Lava Rock



Combo Portable Gas BBQ

1. FREE STANDING BBQ

2. FOLDABLE TROLLEY

3. TABLETOP BBQ

V739 - Combo Portable Gas Barbeque & Trolley

This top quality, stylish 3 in 1 Combo Portable Gas BBQ is the ideal outdoor cooker for caravans, motorhomes, camping, picnics and home use. With it's easy to assemble design, incorporating two fold-out side shelves and a sturdy trolley assembly which can be removed. It can also be used as a table top unit.

Running on either propane or butane, the Combo has piezo ignition, a variable heat control, a large single burner with flame tamer and a chrome grill.

Dimensions :

Standing Size : 104cm x 45cm x 93cm

Carton Size : 64cm x 41.5cm x 32cm

Cooking Area : 44cm x 32cm



Gordon BBQ

V950 - Gordon Portable Gas Barbeque with Lid

This handy folding Gordon Portable Gas Barbeque is the ideal portable solution for caravans, motorhomes, camping, picnics and home use. With its easy to assemble design, and its folding legs which double as a lid retainer during transport,

The Gordon BBQ runs on either propane or butane, and comes complete with lava rock for that delicious barbeque smoky flavour.

Dimensions :

Overall Size : 48cm x 29.5cm x 28.5cm

Cooking Area : 41cm x 26.5cm.

Live life... Live leisure

0115 973 6939
sales@crusaderproducts.co.uk

YOURLITE

PORTABLE BLUETOOTH SPEAKER,
LIGHT AND MOBILE POWERBANK

PLAY MUSIC
WIRELESSLY
FROM YOUR
MOBILE DEVICE



UP TO 16 HOURS
AUDIO PLAYBACK



WIRELESSLY CONNECTS UP
TO 10 METRES DISTANCE



ILLUMINATION WITH
ADJUSTABLE BRIGHTNESS



POWERBANK CHARGES YOUR
MOBILE DEVICE ON-THE-GO



SPLASHPROOF DESIGN - TAKE
YOURLITE OUTDOORS

In colours :
Orange, Black or Gold

YOURLITE is a portable Bluetooth speaker that provides up to 16 hours of wireless audio playback on a single charge. The built in light with adjustable brightness creates a perfect ambience for every occasion, making **YOURLITE** an ideal companion for camping, outdoor entertaining and even children's playrooms.

Effortlessly connect to your music source via Bluetooth or using the built-in 3.5mm (headphone) port. Charge your mobile device on-the-go using the built-in powerbank.

YOURLITE's splashproof design means that you can also take your music into the bathroom, kitchen or garden.

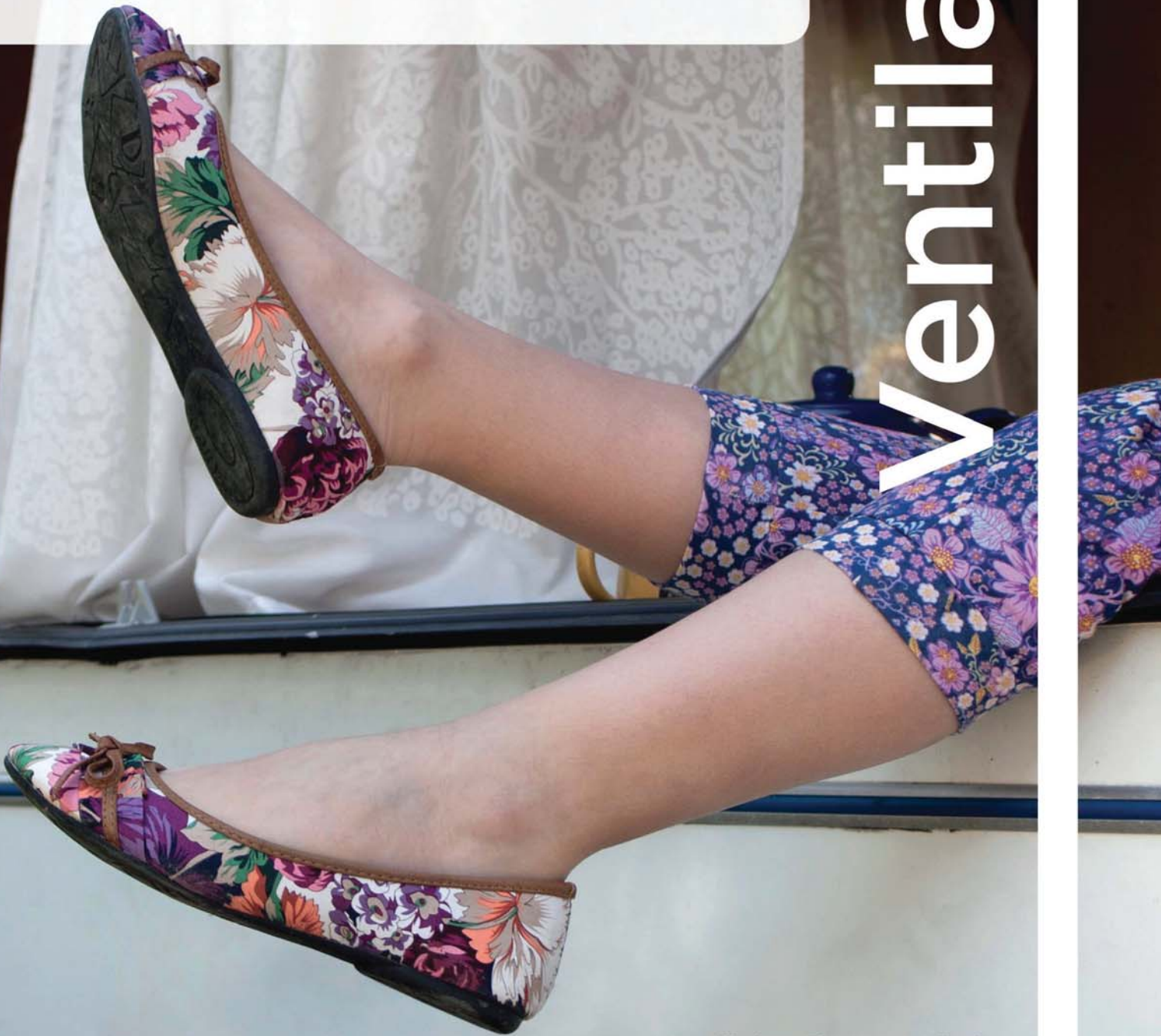


PLAY LIGHT CHARGE CALL

T417 - YOURLITE - Portable Bluetooth Speaker Light and Mobile Powerbank

Ventilation

Ventilation is one of the keys to comfortable caravanning, an essential requirement for the safe and efficient use of gas appliances, and a valuable tool to combat damp. Crusader Products offer a range of rooflight and window fittings, including curtain accessories, and a wide selection of vents.





MPK Rooflight - Including Flynets

- F310 - 280x280 Including Flynet (Beige)
- N310 - 280x280 Including Flynet (Ivory)
- F320 - 360x320 Including Flynet (Beige)
- N320 - 360x320 Including Flynet (Ivory)

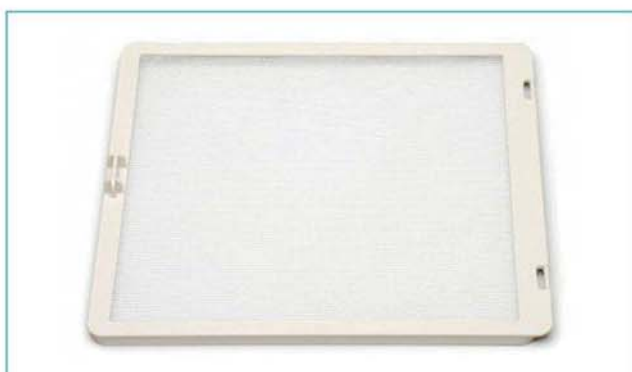
A range of multi-directional telescopic rooflights, with strong, double-skin, spaced opaque domes which allow free air-flow, even with the dome closed. Comes complete with the beige or ivory surround and matching flynet.



Spare Domes for MPK Rooflights

- F423 - Spare Dome for 280x280 (Beige)
- N423 - Spare Dome for 280x280 (Ivory)
- F425 - Spare Dome for 360x320 (Beige)
- N425 - Spare Dome for 360x320 (Ivory)

Spare opaque, double-skin domes for the MPK beige and ivory range of rooflights.



Flyscreens for MPK Rooflights

- F350 - Flyscreen for 280x280 (Beige)
- N350 - Flyscreen for 280x280 (Ivory)
- F360 - Flyscreen for 360x320 (Beige)
- N360 - Flyscreen for 360x320 (Ivory)

Spare woven fabric flyscreens for the MPK range of rooflights.



F427 - Spare Dome (Beige) (illustrated)
N427 - Spare Dome (Ivory)

Spare Dome for 400x400 MPK Rooflight

Spare opaque, double-skin domes for the MPK beige and ivory 400x400 rooflights.



F390 - Integrated Rooflight Complete (Beige) (illustrated)
F395 - Integrated Rooflight Complete (Ivory)

MPK 420 Integrated Rooflight Complete
(Replaces old style 400x400 Rooflight)

With the same basic specification as the 400x400 MPK Rooflight, the 420 also includes an integrated flynet and roller blind surround, which does not restrict the free airflow when in use. Available in Beige or Ivory colourways.



F410 - Spare Roller Blind (Beige) (illustrated)
F415 - Spare Roller Blind (Ivory)

Spare Roller Blinds for 420 Rooflight



F402 - Flynet with Blind (Beige)
F403 - Flynet with Blind (Ivory) (illustrated)

Flynet for 420 Rooflight with Blind

Spare flynets for the MPK 420 rooflights. Available in Beige or Ivory colourways.



F370 - Flyscreen (Beige) (illustrated)
N370 - Flyscreen (Ivory)

Flyscreen for MPK 400x400 Rooflight (Beige)

Spare woven fabric flyscreens for MPK 400x400 rooflight range



F400 - Spare Flynet (Beige) (illustrated)
F405 - Spare Flynet (Ivory)

Spare Flynets for 420 Rooflight



F335 - Clear Rooflight (Beige)
F336 - Clear Rooflight (Ivory)

MPK Clear 280x280
Rooflight Complete

Complete with lock,
flynet and blind



F339

Replacement Dome for
MPK 280x280 Clear Rooflight

Complete with lock,
flynet and blind



N335

Spare Flynet/Blind for 280x280
Clear Rooflight (Beige)

Fits the 280x280 clear dome
MPK rooflights



N336

Spare Flynet/Blind for 280x280
Clear Rooflight (Ivory)

Fits the 280x280 clear dome
MPK rooflights



N380 - Ivory
F380 - Beige

MPK 280 Special
Flyscreen



F340

Replacement Dome for MPK
400x400 Clear Rooflight

Complete with lock,
flynet and blind



F396

MPK Clear 400x400 Rooflight
(Ivory)

With pleated blind & flyscreen



F332

MPK Clear
Rooflight Fixing Kit (for F396)

4 x Corners, Side Fixing
& Screws



F329

MPK Vision Star M Pro
(Smoked Glass)



F337 - Clear Rooflight (Beige)
F338 - Clear Rooflight (Ivory)

MPK Clear 400x400
Rooflight Complete

Complete with lock,
flynet and blind



F397 - 1m x 1m
F398 - 1m x 1.5m
F399 - 1m x 2m

Mosquito Netting

Complete with fixing pads



F401

Mosquito Netting
1m x 30m Bulk Roll



F160 - Track (2.5m Length)
 F220 - End Stops (Pkt of 2)
 F220B - End Stops (Box of 100)

Swish Furniglide Track



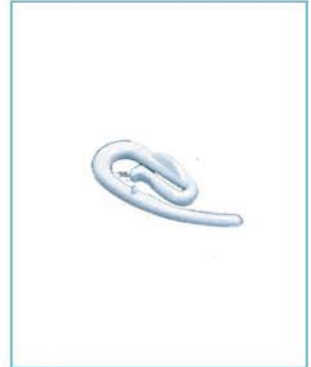
F180 - (Pkt of 20)
 F180B - (Box of 500)

Swish Gliders



F200 - (Pkt of 20)
 F200B - (Box of 500)

Swish Button Hooks



F210 - (Pkt of 20)
 F210B - (Box of 100)

Swish Nylon Curtain Hooks



F120

Visa Track Track (2.13m)

For face fixing



F130

Visa Plus
 Curtain Track (2.5m)

For right angle fixing on
 pelmets, ledges and ceilings



F150

Visa End Stops (Pkt of 2)



F140 - (25m Roll)
 F141 - (200m in box)
 F142 - (50 metre Roll)

Visa Curtain Tape



F170 - 2.5m Track & Fittings (Complete)
 F198 - 2.5m Track Only
 F195 - Fixing Brackets Only (Pkt of 5)
 F197 - End Stops Only (Pkt of 2)

Swish Nylonglyde



F190 - Gliders (Pkt of 20)
 F190B - Gliders (Box of 500)

Swish Nylonglyde
 Gliders



F230

Sprite Curtain Hook
 for Wire (Pkt of 25)



F546 - Black Toggle Window Catch
 (Complete)
 F546/U - Black Upstand Plate Only

Black Toggle
 Window Catch

For quick & secure fastening



F526

HDK
Mushroom Roof Vent



F524 - 80mm
F525 - 100mm

Round Louvred Vent
Recessed



F518 - Short Tail Vent
F519 - Long Tail Vent

75mm Round Vent
(Tan)



F508 - Short Tail Vent
F509 - Long Tail Vent

75mm Round Vent
(Cream)



F523

Square 130mm
Louvred Vent (Recessed)



F528 - 229mm x 76mm
F529 - 229mm x 152mm (illustrated)

Louvred Vent
White (Fixed)



F540 - 229mm x 76mm
F541 - 229mm x 152mm (illustrated)

Louvred Vent White
(Fixed) Inc FlyScreen



F542 - 229mm x 76mm
F543 - 229mm x 152mm (illustrated)

Hit & Miss White
Louvred Vent



F511 - Star Push In Vents
F512 - Push In Vents

1 1/2" Push In Vents
(Pkt of 2)



F513 - Finger-Pull Push In Vents
F514 - 3" Hexagon Vent

Finger-Pull & Hexagon
Vents (Pkt of 2)



F516 - Honeycombed Vent
F520 - Short Tail

Rectangular Vents



F521 - White
F522 - Tan (illustrated)

Rectangular
Louvred Vents

After-sales maintenance products are an important part of the Caravan Accessory retail market, and a mainstay of Caravan Workshop business. Whether it's silicones or mastics, adhesives or sealants, or a range of top quality cleaning products you require, make Crusader Products your first stop.

Maintenance & Workshop

- Sealants & Adhesives •
- Glues & Tapes •
- Seals & Mouldings •
- General Fixings •
- Hinges & Fittings •
- Catches •
- Interior Fittings •
- Clocks & Barometers •



G439

Sikaflex 512
Caravan & Motorhome
Sealant (300ml)

Polyurethane hybrid
adhesive sealant



G440 - (White)
G441 - (Black)

Sikaflex 221
Sealant (300ml)

Polyurethane hybrid
adhesive sealant



G442

Sikaflex 521UV
(White) Sealant (300ml)

UV stable Polyurethane
multi purpose adhesive sealant



G443

Sikaflex 252
(White) Adhesive (300ml)

Very high strength and
flexible adhesive



G444 - Adhesive (300ml)
G445 - 600ml sausage Adhesive

Sikaflex 552UV
(White)

UV resistant hybrid
adhesive sealant



G469

Fix All Adhesive White
Sealant (290ml Cartridge)
Multi Use Hybrid Polymer

Ultimate versatile
hybrid polyurethane



N551

Geobond HM White
Sealant (290ml)

High strength MS Polymer
adhesive sealant



T280

Soudal Soudaseal RV61 Hybrid
Bonding Sealant (300ml)

Hybrid adhesive sealant



G402

Bostik Simson Black
Synthetic Polymer Adhesive
STR 360 (290ml Cartridge)



G401 - White (290ml)
G409 - White (600ml)
G407 - Black (290ml)

Bostik Simson
Synthetic Polymer
Adhesive ISR 70-03



G408

Bostik Simson Black
Synthetic Polymer Adhesive
ISR 70-08 (290ml Cartridge)



G431

Spare Nozzle
for Sealant Tube

Fits 290 - 310 ml tubes
Pack of 6



G470 - (Clear)
G480 - (White)

Silfix HM
Silicone Sealant (310ml)
High Modulus Silicone



G490

Silfix LMA (Ivory)
Silicone Sealant (310ml)
Low Modulus Silicone



G496

Seamseal BR (White)
Butyl Sealant (380ml)
Butyl Rubber Sealant



G461 - (White)
G460 - (Cream)

Seamseal CV
Bedding Sealant (380ml)
Non-setting bedding sealant



G449

Sika 205 Cleaner to
Improve Adhesion (250ml)



G450

Sika 208 Remover to Remove
Surface Sikaflex (1 Litre)



G465 - 19mm
G509 - 32mm
G475 - 45mm

HP400 Wide Off-White
Mastic Strip

(2.5mm x 19m)



G497 - 19mm
G498 - 32mm
G499 - 45mm

HP600 Wide
White Mastic
Strip Sealant

(2.5mm x 19m)



G503

HP 400 32mm Wide
Grey Mastic
Sealing Strip

(2.5mm x 19m)



G505 - 19mm
G500 - 32mm
G508 - 45mm

W4 Wide Mastic
Sealing Strip

(5m roll)



Z311

Polythene Roll
Single Layer Non-stick
Plastic (25kg)



G746 - Stik'n Guard (10m x 500mm)
G744 - Stik'n Guard (100m x 600mm)
G743 - Carpet Guard(2m x 700mm)
G742 - Carpet Guard (30m x 700mm)

Carpet Protector &
Carpet Guard



G454
Floor Glue Std Set (Two Part)
 1.5kg

Low viscosity floor de-laminating kit



G459
Floor Kit Pro Adhesive (Two Part)
 1.5kg

Easy to use fast cure epoxy adhesive for floor delamination



G467 - 1.3kg
G466 - 6.5kg
Panel Pro Adhesive Two Part

Two part easy mix polyurethane adhesive for bonding superior



G456
Syringe for Floor Glue 50ml



V992
Gorilla Glue 60ml



V998 - (3g Tube)
Gorilla Superglue



V999 - (15g Bottle)
Gorilla Superglue GEL



V997
Gorilla Epoxy Glue Two Part (25ml Reusable Syringe)



V995
Camo Roll Gorilla Double Adhesive Reinforced Tape
 (8.2m x 47.8mm)



V996
Gorilla Clear Waterproof Repair Tape
 (8.2m x 48mm Roll)



V993
Large Roll Gorilla Double Adhesive Reinforced Tape
 (11m x 48mm)



V994
Handy Roll Gorilla Double Adhesive Reinforced Tape
 (9.14m x 25mm)



G128 - 25mm
G136 - 27mm
G119 - 30mm

Window Seal
Small Bubble
with Mastic

20m Roll



G129 - 25mm
G137 - 27mm
G120 - 30mm
G123 - 34/35mm

Window Seal
Large Bubble
with Mastic

20m Roll



G133 - White 23mm
G134 - Grey 23mm
G135 - White 25mm

Caravan Window
Insert Filler PVC

20m Roll



G100

Tool for fitting
Insert Filler in
Window Rubber



G132

"Double Bubble"
Caravan Door Rubber

30m Roll
Other profiles available to order



G138 - Awning Rail Gasket
G140 - Sink/Hob Seal

Awning Rail Gasket (100m)
Sink/Hob Seal (25m)



G379 - Navy Blue
G380 - Maroon
G381 - Black

Fill In Strip
13mm

100m



G382 - White
G383 - Green
G384 - Cream

Fill In Strip
13mm

100m



G385 - Grey
G386 - Silver

Fill In Strip
13mm

100m



G387 - Black (15mm)
G388 - Cream (15mm)
G389 - Grey (14mm)

Wide Fill In Strip

100m



G101 - Filler Tool
G102 - Spare Tool Bit

Channel Filler Tool

For Rolling 110 filler
into channel



F100 - White
F110 - Beige

22mm D Mould
Top & Bottom

8ft Length



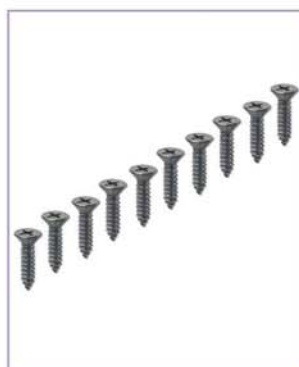
N169 - 20mm White
F908 - 25mm White
F908B - 25mm Beige
F908C - 25mm Off-white

Decrodome
Polytop Pins
(10 pins)



F909 - 25mm White
F910 - 25mm Off-white
F911 - 25mm Light Beige

Decrodome
Polytop Pins
(Bag of 1000 pins)



N173

Awning Rail Screws (2cm)

(Pack of 10)



N770 - Rubber M4x24mm (long)
N170 - Rubber M4x12.6mm

Cavity Fixer



F502 - Off-white
F503 - White
F505 - Apple Cherry
F506 - Beige
F517 - Grey

Metal Fixing
Bracket & Cover

(Pack of 5)



F900 - White
F901 - Cream
F913 - Black
F914 - Tan
F915 - Brown

Hinge Snap Caps

(Pack of 10)



F902 - White
F903 - Beige
F904 - Tan
F912 - Brown

Pozi Screw Top Covers

(Pack of 10)



F906 - Silver
F907 - Black

Domed Screw Caps

(Pack of 10)



N171 - Jacknut M4x25mm
N172 - Rivet 4.8 x 30mm (x5)

Cavity Fixer Jacknut &
Peel Rivet



N220 - (pack of 12)
N220B - (pack of 50)

Cupboard Door Stop
Domes



N250 - 3/8" (9.5mm) (Pack of 20)
N252 - 3/8" (9.5mm) Closing Tool
N251 - 1/2" (13mm) (Pack of 10)
N253 - 1/2" (13mm) Closing Tool

Brass Eyelet



N254 - Screw-In Stud (x5)
N255 - Stud & Popper (x5)
N256 - Popper Closing Tool

Awning Skirt
Studs & Poppers



F536 - 1 3/4" Plastic
N149 - Nylon 2" (50mm)

Hinges (Pair)



N141 - Brass 1 1/2" (38mm)
N143 - Brass 2" (50mm)
N140 - Bronze 2" (50mm)

Flush Hinge (Pair)



N142 - Bronze 2" (50mm)
N144 - Brass 2" (50mm)
N147 - Brass 2" (50mm)

Cranked Hinge (Pair)



N145 - Brass
N146 - Bronze

2"(50mm) Flush Hinges
with Finials (Pair)



N148 - Brass Barrel
N139 - Tubular 12mm Concealed

Hinges (Pair)



N150 - 1 1/2" (38mm)
N151 - 2" (50mm) Necked

Brass Bolt



F430 - Tan
F431 - White
F450 - Beige
F432 - Grey

Plastic
Turnbutton



F440 - Tan
F441 - White
F460 - Beige
F434 - Grey

Spacer for
Turnbutton



F461

Plastic
Turnbuckle



F462

Metal
Turnbuckle



F500 - Large Tan Hanger
F510 - White Gliders

Sliding Door
Accessories



F501

Sliding Door
Tan L
Bracket Guide



C440

Roller Catch
 (White)



C441

Roller Catch
 (Brown)



C430

Double
 Roller Catch



N213

Double
 Roller Catch
 Metal



F490

Magnetic Catch
 (White)



C450

Magnetic Catch
 Heavy Duty (Brown)



N205

Rocker Catch



N206

Panco Catch



N212

Pegaline Catch



N214

Decmo Catch



N208

Mini Latch



N219

Plastic Turnbutton
 (Pair)



N216

Plastic Table
Bracket & Bolt



F533 - White
F539 - Tan

Table Storage
Brackets (Pair)



F552

Locking Slide Table Rail
with Table Brackets
(Locking)



F554

Table Edge Strip
with Wall Retaining Strip
(Beige)



M300 - Base
M302 - Top
M301 - Leg 70cm

Island Table
Leg Fittings (Chrome)



F531

Letterbox Bracket
Flap Support



F532

Triangular Flap
Support Bracket



C460

Large
Cupboard Stay



F537 - With Standard Bracket
F538 - With Large Bracket

Adjustable
Locker Stay



F530

Plastic
Storage Pocket



F507

Downlighter
Plastic Cover



F499

Netted
Magazine Holder



H135

Round
 (White Face-Roman)
 Clock Unmounted

90mm



H136

Round
 (Brass Face-Roman)
 Clock Unmounted

90mm



H155

Small
 White Face
 Arabic Round Clock

70mm



H156

Small
 White Face
 Roman Round Clock

70mm



H158 - Chrome trim
 H168 - Brass trim

Oval White Face
 Arabic Clock Unmounted

80 x 65mm



H159

Oval White
 Face Roman Clock
 Unmounted

80 x 65mm



H163

Small Chrome
 Bezel Roman White Faced
 Round Clock

70mm



H164

Small Chrome Bezel
 Arabic White Faced
 Round Clock

70mm



V990

Oval White Face
 Arabic Chrome Trim Clock
 Unmounted

130mm x 75mm



V991

Oval White Face
 Roman Brass Trim Clock
 Unmounted

130mm x 75mm



H162

Small Chrome
 Bezel Barometer

70mm



H166

Small Chrome Bezel
 Thermometer
 (White Face)

Towing & Auto

Whether your customer wishes to improve their leisure vehicles towing characteristics or manoeuvrability, or to increase it's safety, or simply to improve it's looks and saleability, we have a wide choice of chassis fittings and towing products available to meet all leisure requirements.



- Jockey Wheel Assemblies
- Jockey Wheels
- Chassis Accessories
- Clamps & Mirrors
- Towball Fittings
- 7 Pin Towing Electrics
- 13 Pin Towing Electrics
- Fittings



G198

Jockey Display Stand
(Exclusive to Crusader)

5ft H x 4ft W x 17" D
(Stock not included)



G199

34mm Jockey Assembly
155mm x 40mm

With Plastic Wheel



G205 - with 180x50mm Wheel
G270 - Spare Wheel H/W Assembly

34mm Jockey Assembly

With Metal Wheel



V863

42mm Jockey Assembly
180mm x 50mm

With Metal Wheel



G231 - With 200x50mm Wheel
G275 - Spare Wheel

48mm
Jockey Assembly

With Plastic Wheel



G230 - With 200x50mm Wheel
G280 - Spare Wheel 200x40mm

48mm H/W
Jockey Assembly

With Metal Wheel



V864 - with 220x70mm Wheel
G326 - Spare Wheel 220x70mm

48mm H/W
Jockey Assembly

With Metal Wheel



G255 - with 230x60mm Wheel
G325 - Spare Wheel 230mm x 60mm
G326 - Spare Wheel 220mm x 70mm

48mm Jumbo
Jockey Assembly

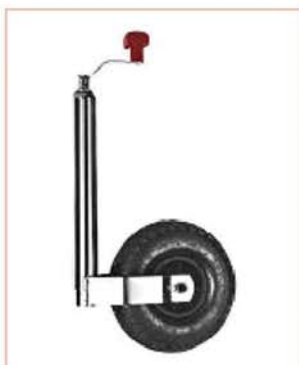
With Plastic Wheel



G250 - with 230x75mm Wheel
G251 - Spare Wheel 230x75mm
G281 - Spare Wheel 220 x 65mm

48mm Jumbo
Jockey Assembly

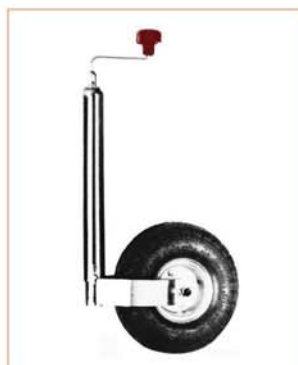
With Metal Wheel



G241 - with 250x70mm Wheel
G291 - Spare Wheel
G242 - Assembly c/w Clamp

48mm Pneumatic
Jockey Assembly

With Plastic Wheel



G240 - with 250x70mm Wheel
G292 - Spare Wheel
G357 - Spare Tyre
G355 - Spare Inner Tube

48mm Pneumatic
Jockey Assembly

With Metal Wheel



G347 - 34mm Clamp & Handle
G348 - 42mm Clamp & Handle
G349 - 48mm Clamp & Handle
G350 - Spare Lock Handle

Jockey Clamps
and
Handles



G270

Spare Metal Wheel for H/W
34mm Assembly

180 x 50mm



G280

Spare Metal Wheel

200 x 40mm



G275

Spare Plastic Wheel

200 x 50mm



G290

Spare Deluxe Pneumatic
Metal Wheel

265mm



G291

Spare Plastic Wheel

250 x 70mm



G292

Spare Metal Wheel for
Pneumatic Metal Assembly

250 x 70mm



G251

Spare Jumbo
Metal Wheel

230 x 75mm



G281

Spare Jumbo
Metal Wheel

220 x 65mm



G325

Spare Plastic Wheel
for Jumbo Assembly

250mm



G326

Spare Jumbo
Plastic Wheel

220 x 70mm



G355 - Inner Tube
G357 - Spare Tyre

Pneumatic Jockey
Wheel Spares



G350

Spare Clamp
Locking Handle
for Jockey Clamp



V895

Reich Easy Wheel
Double Jockey Wheel
Upgrade Kit



A130

Jockey Wheel Clamp
for Aerial Poles



G400

Long Wheel Brace



G395

Short Wheel Brace



V753

Extendable
Wheel Wrench



G396

Reich Corner Steady
Winder - 450mm Long



G725 - (Silver) Pair

13" Genoa
Wheel Trim



G731 - (Silver) Pair

13" Modena
Wheel Trims



G723 - (Silver) Pack of 4

13" Ancona
Wheel Trims



G729 - (Silver) Pack of 4

14" Vicenza
Wheel Trims



G735 - (Silver) Pack of 4

Raised 15"
Wheel Trims



G733 - (Silver) Pack of 4

Raised 16"
Wheel Trims



V883 - Grip Track (Pair)
G720 - W4 Grip Track

Yellow
Grip Track



V891

Wheel Chock
With Handle

(Display Box of 10)



307617

Thule Levelers
(pair)

(In Storage Bag)



V898

Stackapad
Jack Pad

(Box of 4)



V868 - Plastic Pins
V868/DELUXE - Metal Pins

Attachapad
Jack Pads

(Box of 4)



T283

Reich Jumbo
Jack Pads

(Box of 4)



V861

Deluxe Crusader
Jack Pad

(Single)



V874

Noseweight
Gauge
(50-75-100kg marks)



G365

W4 Hitch Cover
(White)



G375

W4 A Frame Cover
(White)



N539

Target
Spirit Level



V613

Triangular
Two-way
Spirit Level



E270 - 50mm Towball
E271 - Long Reach 50mm Towball

(Long Reach - NOT for use with Alko Stabilizers EXCEPT Alko 1300)

50mm Towball



E230 - 55mm
E240 - 65mm
E245 - 75mm
E250 - 80mm
E260 - 100mm

Towball Bolts (Pair)



E350 - 1/2"
E360 - 1"
E370 - 1 1/2"
E380 - 2"

Aluminium Spacer



E310 - 2"
E320 - 3"
E330 - 4"
E340 - 4" with 6 holes

Drop Plate



E221

Mini Bump Stop



E220

Crusader Bump Stop



E219

Tow-Tekta Bump Stop



E222

Single Car Backing Plate



E217

Piggyback 125 Extension Plate



E224

Double Car Backing Plate (Dogbone - Both Sides)



E223

Double Tee Car Backing Plate



N560

13 Pin Socket Plate



E275

Breakaway Cable Bracket



G390 - Breakaway Cable
V862 - Easyfit Breakaway Cable

Breakaway Cable (plastic coated)



E403

Pressed Steel 50mm Hitch Coupling



E153

13 Pin Plug Holder



E400

Plastic Plug & Cover Holder



E402

Metal Plug Holder



G600

Black Ball Cover (Plastic)



G601

Chrome Ball Cover (Plastic)



G602 - Black
G603 - Black & Reflector

Towball Boot



G605

Cover Up Ball Cover



G604

Black Socket Cover



G606

Black Plug Cover



E100 - Plug
E120 - Socket
E121 - Socket with Fog Cut Out

12 N Plastic Plug & Socket



E105 - Plug
E135 - Socket

12 N Metal Plug & Socket



E110 - Plug
E130 - Socket

12 S Plastic Plug & Socket



E272 - 3 Nut/Bolt/Washer Set Complete
E265 - Gasket Only
E267 - 3 Nut/Bolt/Washer Set Only

7 Pin Rubber Gasket



E266 - 12N Socket
E264 - 12S Socket

In-Line Coupling Socket



E164 - 12 N Extension
E159 - 12 S Extension

Extension Leads (6 Metres)



E140 - N Socket & Plate
E150 - S Socket & Plate

Prewired Socket & Plate



E160

Prewired Twin Socket & Plate



D520

Deluxe 12 N Wiring Kit



D525

Deluxe 12 S Wiring Kit



D510

Deluxe Twin 12N & 12s Wiring Kit



E170 - Audible Towing Sensor Relay
E180 - W4 CombiMaster Relay

Relays



E162 - 13 Pin Plug
E152 - Green Parking Cap

13 Pin Plug
& Cap



E165

13 Pin
Coupling Socket



T279

13 Pin Plate
Socket



T276

Spare Gasket
for 13 Pin Socket



E168

13 M Plug To
7 F Socket Adaptor



E169

13 F Socket to
7 M Plug Adaptor



N561

Pre-Wired 13 Pin Socket
with 2 Metres of Cable



E166 - Inline Socket Adaptor
E166/1M - 1 Metre version

13 Pin Plug to
7 Pin Sockets Adaptor



E161

13 Pin Socket to
7 Pin Plugs Adaptor



N562 - plug to socket
N592 - plug to plug

13 Pin Extension Lead 2 Mtrs



N591 - plug to socket
N593 - plug to plug











13 Pin Extension Lead 3 Mtrs



N594 - plug to socket
N595 - plug to plug

13 Pin Extension Lead 6 Mtrs

Caravan - Towing & Chassis Cable - Typical Uses

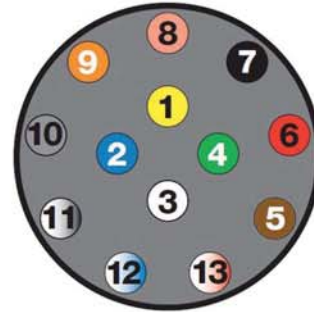
	Crusader Code	Cable Type	Nominal Wire X - Section	Continuous Current Rating	Typical Uses
	SE165	65/0.3	4.5mm ²	35 amps	Ideal for extra heavy duty low voltage use, such as Motor Mover installation, charging cables for ammeter, alternator and dynamo circuits, and some marine use. Check the current rating required.
	SE184	84/0.3	6mm ²	42 amps	
	SE197	97/0.3	7mm ²	50 amps	
	SE1120	120/0.3	8.5mm ²	60 amps	
	SE180	80/0.4	10mm ²	70 amps	
	SE502S	12S 5 Core 4x35/0.3 1x21/0.3	4x2.5mm ² 1x1.5mm ²	4x21.75 amps 1x12.75 amps	The new heavy duty industry standard for 12S external connections, for caravans with heavier electrical needs.
	SE709	7 Core Cable 7x9/0.3	7x0.65mm ²	5.75 amps	For light duty 12N Black exterior connection, for small trailers, standard lighting boards and some caravans.
	SE701N	12N 7 Core 6x14/0.3 1x28/0.3	6x1mm ² 1x2mm ²	6x8.75 amps 1x17.5 amps	For 12N Black exterior connection between car and caravan, to power the front and rear external running lights. AVAILABLE IN A RANGE OF REEL LENGTHS. See page 80
	SE702S	12S 7 Core 6x21/0.3 1x35/0.3	6x1.5mm ² 1x2.5mm ²	6x12.75 amps 1x21.75 amps	For 12S Grey external supplementary connection between car and caravan, to provide internal 12v power.
	SE1300	13 Core 8x21/0.3 5x35/0.3	8x1.5mm ² 5x2.5mm ²	8x12.75 amps 5x21.75 amps	The continental European standard 12N/12S single connection between car and caravan.

12N (Nominal) Black 7 Pin Socket Connections (Viewed from rear of socket)



Application	Socket Pin No.	Cable Core Colour
L.H. Indicator	1	Yellow
Rear Fog Lamp	2	BlUe
Earth	3	White
R.H. Indicator	4	Green
Right Tail/Side (& No. Plate)	5	BrowN
Stop Lights	6	Red
Left Tail/Side (& No. Plate)	7	Black

Black 13 Pin Euro Socket Connections (Viewed from rear of socket)



Application	Socket Pin No.	Core Cross Section	Core Colour
L.H. Indicator	1	1.5mm ²	Yellow
Rear Fog Lamp	2	1.5mm ²	BlUe
Earth for contacts 1 to 8	3	2.5mm ²	White
R.H. Indicator	4	1.5mm ²	Green
Right Tail/Side (& No. Plate)	5	1.5mm ²	BrowN
Stop Lights	6	1.5mm ²	Red
Left Tail/Side (& No. Plate)	7	1.5mm ²	Black
Reversing Lights	8	1.5mm ²	PinK
+ve Direct from Battery	9	2.5mm ²	Orange
+ve Ignition Key On	10	2.5mm ²	Slate Grey
Earth Return for Contact 10	11	2.5mm ²	White/Black
Signalling Connection to Trailer	12	1.5mm ²	White/BlUe
Earth Return for Contact 9	13	2.5mm ²	White/Red

12S (Supplementary) Grey 7 Pin Socket Connections (Viewed from rear of socket)



Application	Socket Pin No.	Cable Core Colour
Reversing lights and/or Reversing Catch on Inertia Brakes	1	Yellow
NO ALLOCATION (may be used for auxiliary battery charging)	2	BlUe
Earth (Common return)	3	White
Power Supply	4	Green
Sensing Device (i.e. warning light) with common return	5	BrowN
Power Supply for Refrigerator	6	Red
NO ALLOCATION (may be used spare earth for Refrigerator)	7	Black



V766

Insert Coupling
Hitch Lock



V755

Hitch Lock
(Open Type Coupling)



V612

Hitch Lock
(Zinc)



V765

Universal Lock



V879

Crusader Anti
Theft Wheel Clamp



T251

Full Face Wheel Clamp
(Most 13" to 15" Wheels)



N619 - single
N623 - pair

Reich Standard Mirror



N620

Reich Handy Mirror XL



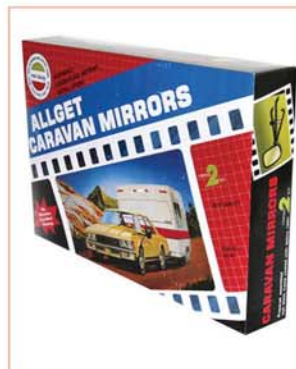
N621

Reich
Handy Mirror
XL Extended



N622

Reich
Handy Mirror
XL Superflex



N615

Reich
Double Deluxe
Clip on Mirrors



N625

Euro
Scissor Mirror
Twin



V756 - 3M/16mm (up to 200 Amps)
V757 - 3.5M/25mm (up to 350 Amps)
V758 - 4.5M/35mm (up to 450 Amps)

Jump Leads
(TUV/GS)



G593

Grey Grab Handles (Pair)
(137mm Centres)



G594

Black Grab Handles (Pair)
(137mm Centres)



G595

White Grab Handles (Pair)
(137mm Centres)



S398

Silver Grab Handle with
Rubber Infill (150mm Centres)



G591

White Grab Handle
(192mm Centres)



S400 - Caravan
S401 - Motorhome

Tracking fitted sticker



G121 - GB
G122 - 60 mph
S402 - Tyre Pressure

Towing & Auto
Stickers



N557

High Vis Straps



T228

2 x 2.5 Metre
Strap Set



T229

2 x 4 Metre
Ratchet Tie Down Straps
with S Hooks



T124

Flexible Nozzle
With Strainer

Security

Security is an important issue for the modern caravan and motorhome user, with new vehicles rising in price and fixtures and accessories becoming ever more luxurious. Crusader Products offer a range of replacement locks and security fittings, to help combat theft and bring your customer peace of mind.



S140 - L/H
S150 - R/H
S145 - Spare Front w/Lock & Keys

Caraloc 640 Lock

S173 - MC Barrel



S153 - L/H
S155 - R/H

Caraloc 640 Interior Only



S175 - Front
S171 - Spare Barrel & Keys

Caraloc 640 High Security

S171 - H/S Barrel



S160 - L/H
S170 - Spare Front Only

Caraloc 700 Lock

S173 - MC Barrel



S177 - L/H
S179 - R/H

Caraloc 2000 Lock

S270 - WD Barrel



S180 - L/H
S190 - R/H

Vecam Lock

S200 - Vecam Barrel



N103
80mm Baggage Door Lock with MC Barrel & Keys (Fits up to 22mm Thick)

S173 - MC Barrel



S305 - Lock
S306 - Spare MC Tang Cam Arm

Caraloc Bottle Box Lock (Fits from 12.5mm to 25mm)

S270 - WD Barrel



S300 - Locks (Pair)
S284 - Compartment Lock Cover (Pair)

MC Gas Bottle Locker Locks (Pair)

S173 - MC Barrel



S274 - Lock Set Complete
S273 - Spare Compression Lock Body
S272 - Spare Latch Bar Kit

WD Compression Locks (for Gasketed Doors)



S310

Southco Gas Bottle Locker Lock

S227 - SouthCo Key



S315

Southco Vice Latch for Lockers

S227 - SouthCo Key



S227

SouthCo Key



S173

MC Barrel
& Keys



S270
S270/NO - specific number

Spare WD Barrel & Key
(Tang 18.1mm)



S271
S271/NO - specific number

Short Tang WD Barrel & Keys
(Used for most compartment doors)



S470
S470/NO - specific number

WD Short Tang Barrel & Keys
(With screw thread)



S280 - WD Spare Key
S290 - WD Barrel Removal Tool

WD Spare Key



S200 - Barrel & Keys
S210 - Zadi Key (Pair) (No.9000+)

Spare Vecam Barrel & Keys
& Zadi Keys



S211

Vecam 8 Barrel & Keys Set
for multi vehicle locks (same key)



S216

Spare Vecam Key (Pair)
(Old style - Pre No.9000)



S215

Spare Vecam Blank
(Plastic Topped)



S220

Barrel Removing Key
(Vecam)



S276

Snake Cut Lock
Coachman Type Replacement Barrel & Keys
(1 Foldaway & 1 Moulded)



M323

Large Push Button Lock

(Gold)



M325

Spare Collar for
Push Button Lock

for M323 (Gold)



M324

Large Push Button
Lock

(Satin)



M326

Spare Collar for
Push Button Lock

for M324 (Satin)



T131

Small Push Button Lock

(Gold)



T261

Small Push Button Lock

(Satin)



T136

Square Push Button Lock
with Latch

(Chrome & Silver)
to fit 14-16mm Panel



T137

Circular Push Button Lock
with Latch

(Chrome & Silver)
to fit 13-16mm Panel



T138

Small Push Button Lock
(Body Only)

(Brown)



T139

Standard Latch Lock

(Grey)



T140

11mm Door Catch Plate

(Grey)



T141

11mm Soft Close Door
Catch Plate

(Grey)



S370
Nylon Door Retainer



S375
Plastic Door Retainer



S380
Veneta Door Retainer



S385
S386 - Extended
Viva Door Retainer



S390 - Black plastic
S387 - Grey plastic
Q/R Barrel Door Retainer



S388
Plastic Barrel Door Retainer



S389
Metal Barrel Door Retainer



S391 - Cream
S392 - White
Heavy Duty Door Retainer



S393 - Cream
S394 - Black
S403 - Grey
S404 - Light Grey
Large Cam Door Retainer



S395 - Nylon
S396 - Black Lamplas
S405 - Locker Catch & Padlock
Hasp & Staple



S397
Stable Door Bolt Assembly



S399
External Catch



V612

Hitch Lock zinc



V755

Open Type
Coupling Lock



V765

Universal
Camping Lock



V766

Coupling
Hitch Lock



V879

Crusader Anti Theft
Wheel Clamp



T251

Full Face Wheel Clamp
(13" to 15" Wheels)



N257 - Combination Lock
N194 - Small Padlock
N133 - Identitags

Small Padlocks
& Tags



S400 - for Caravan
S401 - for Motorhome (New)

"Tracker Fitted"
Sticker



T310 - for Swift
T311 - for Coachman

Sargent Stinger 310
Mobile Alarm



N541

Digital Carbon Monoxide
Smoke Alarm



N556

Deluxe
Smoke Alarm



N554

Deluxe Carbon Monoxide
Smoke Alarm

Water

Whether you're looking for a quality range of modern design taps, from Reich or Comet, or a wide selection of fittings, filters, pumps and connectors for fresh or waste water, Crusader Products feel sure they can meet the demands of both you and your customers.

- Taps
- Showers
- Tap Fittings
- Pumps & Fittings
- Pushfit Connectors
- Connectors & Fittings
- Waste & Water Fittings
- AquaPRO & WastePRO
- Water & Waste Carriers
- Twintub & Toilets
- Pipes & Hoses
- Crusader Toilet Fluids
- Cleaning Products



F258 - with Ridged Connectors
F258S - with Smooth Connectors

**Reich KAMA Mixer Tap
Chrome (27mm)**

F277 - Microswitch
F217 - Ceramic Cartridge
Various Connectors Page 61



F274 - with Ridged Connectors
F274S - with Smooth Connectors

**Reich KAMA Mixer Tap
Chrome (33mm)**

F277 - Microswitch
F217 - Ceramic Cartridge
Various Connectors Page 61



F238 - with Ridged Connectors
F238S - with Smooth Connectors

**Reich PELIKAN Mixer Tap
Chrome (33mm)**

F232 - Microswitch
F217 - Ceramic Cartridge



N497

**Reich CONCEPT E
Mixer Tap Chrome (33mm)**

F232 - Microswitch
F219 - Ceramic Cartridge



F271 - Chrome (illustrated)
F272 - Matt/Nickel

**Reich TWIST Mixer Tap
L/H 90° 33mm Base**

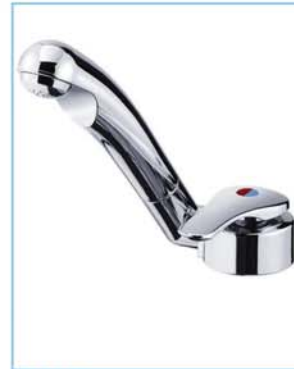
F273 - Microswitch
F219 - Cartridge (33mm)
F227 - Chrome Spare Spout



N105 - Matt/Nickel (illustrated)
N104 - Chrome
N104S - Chrome with Smooth connectors

**Reich TWIST Mixer Tap
L/H 90° 39mm Base**

F273 - Microswitch
F218 - Cartridge (39mm)
F228 - Nickel Spare Spout



F239

**Reich TWIST Mixer Tap
R/H 90° Chrome (39mm)**

F273 - Microswitch
F218 - Ceramic Cartridge
F227 - Chrome Spare Spout



F244

**Reich TWIST Mixer Tap
R/H 90° Black/Nickel (39mm)**

F273 - Microswitch
F218 - Ceramic Cartridge
F228 - Nickel Spare Spout



F211

**Reich TWIST Mixer Tap
L/H 45° Chrome (39mm)**

F273 - Microswitch
F218 - Ceramic Cartridge
F227 - Chrome Spare Spout



F212

**Reich TWIST Mixer Tap
L/H 45° Matt/Nickel (39mm)**

F273 - Microswitch
F218 - Ceramic Cartridge
F228 - Nickel Spare Spout



F213

**Reich TWIST Mixer Tap
R/H 45° Chrome (39mm)**

F273 - Microswitch
F218 - Ceramic Cartridge
F227 - Chrome Spare Spout



F214

**Reich TWIST Mixer Tap
R/H 45° Matt/Nickel (39mm)**

F273 - Microswitch
F218 - Ceramic Cartridge
F228 - Nickel Spare Spout



N106 - with Ridged Connectors
N106S - with Smooth Connectors

Reich TREND E Mixer Tap Chrome (27mm)

F232 - Microswitch
F217 - Ceramic Cartridge
V865 - Spare Spout
F251 - Tap Rose



F113 -

Reich TREND E Mixer Tap Chrome (33mm)

F232 - Microswitch
F217 - Ceramic Cartridge
V865 - Spare Spout
F251 - Tap Rose



F112

Reich TREND A Mixer Tap Chrome (27mm)

F232 - Microswitch
F219 - Ceramic Cartridge
V865 - Spare Spout
F251 - Tap Rose



N493

Reich TREND S Mixer Tap Chrome (33mm)

N293 - Microswitch
F219 - Ceramic Cartridge



F235 - with copper pipe connectors

Reich CHARISMA Short Mixer Tap Chrome (30-35mm Base)

F231 - Microswitch
F216 - Ceramic Cartridge
Various Connectors P.64



F236 - with copper pipe connectors

Reich CHARISMA Long Mixer Tap Chrome (30-35mm Base)

F231 - Microswitch
F216 - Ceramic Cartridge
Various Connectors P.64



N511

Reich VECTOR E Bathroom Mixer Tap Chrome (33mm)

126mm Spout
F232 - Microswitch
F219 - Cartridge



N512

Reich VECTOR S Kitchen Mixer Tap Chrome (33mm)

159mm Spout
F232 - Microswitch
F219 - Cartridge



F242 - 27mm base

Reich MONO MIX STYLE Mixer Tap (Matt/Nickel)

F233 - Microswitch



F309 - 33mm base

Reich CERAMIC STYLE Mixer Tap (Chrome)

F232 - Microswitch
F219 - Ceramic Cartridge



F279 - 33mm base

Reich CERAMIC STYLE Mixer Tap (Matt/Chrome)

F232 - Microswitch
F219 - Ceramic Cartridge



N497

Reich CONCEPT E Mixer Tap Chrome (33mm)

F232 - Microswitch
F219 - Ceramic Cartridge



F240

Reich DELUXE
Single Tap (White)

F281 - Microswitch
F117 - 1/2" screw on adaptors



F265

Reich DELUXE
Single Tap (Matt/Nickel)

F281 - Microswitch
F117 - 1/2" screw on adaptors



F245

Reich DELUXE
Mixer Tap (White)

F281 - Microswitch
F117 - 1/2" screw on adaptors



F269

Reich DELUXE
Mixer Tap (Matt/Nickel)

F281 - Microswitch
F117 - 1/2" screw on adaptors



V847

Reich Spare CHARISMA
Shower Head

T295 - 3/8" - 1/2" Hose
T267 - 1/2" - 1/2" Hose



T265

Reich Spare ORION
Shower Head (Easy Clean)

T295 - 3/8" - 1/2" Hose
T267 - 1/2" - 1/2" Hose



F234

Reich Spare JULIA
Shower Head

T295 - 3/8" - 1/2" Hose
T267 - 1/2" - 1/2" Hose



N608

Reich Spare DUETT
Shower Head

T295 - 3/8" - 1/2" Hose
T267 - 1/2" - 1/2" Hose



N610

Reich Spare KOMBI
Shower Head

T295 - 3/8" - 1/2" Hose
T267 - 1/2" - 1/2" Hose



N614

Reich Spare TREND
Shower Head

T295 - 3/8" - 1/2" Hose
T267 - 1/2" - 1/2" Hose



T295 - with 3/8" cap and 1/2" cone
T267 - with 1/2" cap and 1/2" cone

Reich Shower Hose
Metal Effect 1.5 metre



N126

Outdoor Utility Shower
Point with Hose & Head



F243 - 33mm Base
F243S - 33mm/Smooth
F243S/39MM - 39mm/Smooth

Reich TWIST Table Top Shower Mixer (Chrome)
F273 - Microswitch



F229 - 33mm Base
F229/39MM - 39mm Base

Reich TWIST Table Top Shower Mixer (Matt/Nickel)
F273 - Microswitch



F111

Reich TREND A Table Top Shower Mixer (27mm)
F232 - Microswitch



N609

Reich TWIST Under Table Shower Mixer (Chrome)
F273 - Microswitch



F278

Reich KAMA Shower Mixer with JULIA Head
F277 - Microswitch
F217 - Ceramic Cartridge



N490

Reich KAMA Shower Mixer with DUETT Head
F277 - Microswitch
F217 - Ceramic Cartridge



N492

Reich KAMA Shower Mixer with KOMBI Head
F277 - Microswitch
F217 - Ceramic Cartridge



F229ST - 33mm Base
F229/39MM - 39mm Base

Reich TWIST Table Top Shower Set (Matt/Nickel)
Comes complete with Konus Wall Bracket, DUETT Head & Shower Hose



N494

Reich TREND E Shower Mixer with JULIA Head
F232 - Microswitch
F217 - Ceramic Cartridge



N495

Reich TREND E Shower Mixer with TREND Head
F232 - Microswitch
F217 - Ceramic Cartridge



N496

Reich TREND E Shower Mixer with DUETT Head
F232 - Microswitch
F217 - Ceramic Cartridge



F259 - with Flexible Tails

Reich TWIST Table Top Shower Set (Matt/Nickel)
Comes complete with Konus Wall Bracket, DUETT Head & Shower Hose



F256

Reich Universal Wall Shower Bracket

Universal bracket for most shower heads



F257

Reich KONUS Bracket to fit JULIA & DUETT Heads

Specifically designed for Julia & Duett showerheads but fits wide variety



T266

Reich Elbow Wall Shower Bracket



T259 - Chrome 90° Base Angle
N607 - Chrome 45° Base Angle

Reich Base Stem Angles for TWIST Taps

Spare Stem Angles 45° & 90° for all Twist taps



F227 - Chrome Spout
F228 - Matt Nickel Spout

Reich Spare Spouts For TWIST Mixer Taps



V865 - Chrome-Trend Spout
F251 - Trend E Tap Rose

Reich Spare Parts For TREND Mixer Taps



F117 - 1/2" Screw On adaptors (Pair)

Reich Tap Screw On Adaptors



N503 - Red Insert for Kama Taps
N504 - Blue Insert for Kama Taps
N505 - Red Insert for Twist Taps
N506 - Blue Insert for Twist Taps

Reich Indicators for Kama & Twist Taps



F216

Reich Ceramic Cartridge 35mm

Fits CHARISMA Mixer Taps



F217

Reich Ceramic Cartridge 35mm

Fits KAMA, PELIKAN, TREND E & DUETT Mixer Taps



F218

Reich Ceramic Cartridge 28mm

Fits TWIST 39mm Mixer Taps



F219

Reich Ceramic Cartridge 25mm

Fits TREND C & S, STYLE, CONCEPT S, and TWIST 33mm Mixer Taps



F277

Reich Microswitch
for KAMA Taps



F273

Reich Microswitch
for TWIST Taps



F231

Reich Microswitch
for CHARISMA Taps



F232

Reich Microswitch
for TREND E Taps



F233

Reich Microswitch
for MONO MIX STYLE Taps



F282

Reich Microswitch
for CERAMIC STYLE Taps



F281

Reich Microswitch
for DELUXE Taps



N293

Reich Microswitch
for TREND S Tap



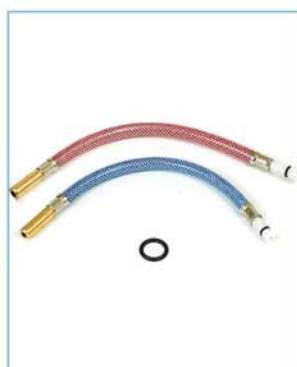
F102 - Blue Connector & O Ring
F103 - Red Connector & O Ring
F114 - Spare O Ring

Reich Ridged Connectors
for 10mm-12mm Hose



F108 - Blue Connector & O Ring
F109 - Red Connector & O Ring
F114 - Spare O Ring

Reich Smooth Connectors
for 12mm Push Fit



F104 - Blue 300m Flexi Hose
F105 - Red 300m Flexi Hose
F114 - Spare O Ring

Reich Flexi 300mm
Hose Connectors



F106 - Blue 1500m Flexi Hose
F107 - Red 1500m Flexi Hose
F114 - Spare O Ring
F116 - Pair 1000mm Red & Blue Hose

Reich Flexi
Hose Connectors



V873 - with 12cm Spout
V886 - with 15cm Spout
V887 - with 22cm Spout

**Comet DUCALE
Mixer Tap (Chrome)**



F225

**Comet ROMA
Mixer Tap (Chrome)**

F215 - Microswitch



F226

**Comet FLORENZ
Mixer Tap (33mm)**

F215 - Microswitch



F298

**Comet FLORENZ
Cold Water Only Tap**

F215 - Microswitch



V888

**Comet STILO
Mixer Tap (Chrome)**



F250 - Novo Beige Single Tap
F285 - Spare Beige Spout

**Comet NOVO
Beige Single Tap**

F280 - Microswitch



F260 - Novo Beige Double Tap
F285 - Spare Beige Spout

**Comet NOVO
Beige Double Tap**

F280 - Microswitch



F261

**Comet NOVO
Beige Shower Tap**

F280 - Microswitch



F263 - Novo Shower Head & Bracket
F262 - Beige Shower Hose

**Comet NOVO
Beige Shower Fittings**



F253

**Comet NOVO Beige
Shower System Complete**

F280 - Microswitch



N482

Cara L180 Mixer Tap



N483

Cara Minimixer Tap



V854 - Florenz Spout
V855 - Florenz/Roma Aerator Rose

**Comet FLORENZ
Spare Parts**

For Comet Taps F226 & F298



V853

**Comet FLORENZ
Spare Control Lever**

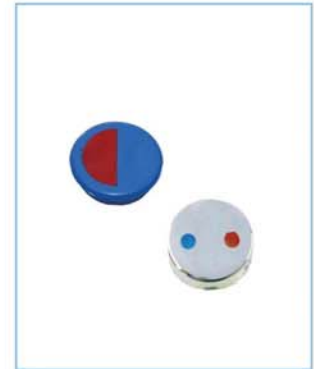
For Comet Taps F226 & F298



V858

**Comet ROMA
Spare Control Lever**

For Comet Taps F225



V851 - Florenz Blue and Red Insert
V857 - Roma Blue/Red Insert

**Comet Taps
Blue/Red Inserts**



V871
**Comet KING
Shower Head (Chrome)**

Comet Shower Head fits
1/2" Hose (T267)



V872
**Comet ROMA
Trigger Shower Head**

Comet Shower Head fits
1/2" Hose (T267)



N485
Cara Shower Set

Universal Shower Head, Hose
& Bracket Set



F297
**Chrome Shower
Fitting (Complete)**

Universal Shower Head, Hose,
Bracket and Riser Bar



V848
**Comet FLORENZ
25mm Ceramic Cartridge**



N489
**Comet ROMA
35mm Ceramic Cartridge**



N491
**Cara L180
35mm Ceramic Cartridge**

Also fits variety of taps



N483R
Cara Aerator Rose

For Cara Mini/Mixer Tap



F118 - Blue Ridged Connector
F119 - Red Ridged Connector

Comet 45° Ridged Tap Connectors (1/2")



V850 - Blue Hosetail Connector
V849 - Red Hosetail Connector

Comet Hosetail Tap Connectors (1/2")



N486 - Blue 12mm Hosetail
N487 - Red 12mm Hosetail

Nylon Hosetail 12mm Tap Connectors



N488

Short Armoured Flexi Hosetail connector



F215

Comet ROMA/FLORENZ Spare Microswitch



F280

Comet NOVO Spare Microswitch



F287

W4 Microswitch For Whale Taps



F223

Comet In Line 10mm Non Return Valve



F224

Comet In Line 10mm Microfilter



F318

Comet In Line 12mm Pressure Switch 1.4 Bar



F275

Comet Domed Foot Switch



F270

Comet Foot Switch



F308

Bohler 8 Litre Water Pump



F283

Reich 8 Litre Water Pump



F299

Reich 12 Litre Water Pump



F306

Reich 15 Litre Water Pump



F307

Reich 18 Litre Water Pump



F255

Reich 19 Litre Twin Water Pump with NRV



N626

Reich Powerjet 22 Litre 1.8 bar Water Pump



N627

Reich Powerjet 25 Litre 2.1 bar Water Pump



F221

Comet ELEGANT 8 Litre Water Pump

As used in Thetford Toilet Systems



F222

Comet VIP PLUS 20 Litre Water Pump

As used in Carver & Truma systems



M511

Immersion Bilge Pump 10 Litre



M512

Immersion Bilge Pump 2.5A for Water Tank

8.5 litres per minute



N498 - Water Filler Cap
F117 - 1/2" screw on adaptors

Reich Adaptors



F312 - Complete Unit (Black)
F314 - Spare Locking Cap (Black)
F316 - Spare Throat Assembly (Black)
S200 - Vecam Barrel & Keys (Spare)

40mm Water Inlet with
Locking Zadi Cap (Black)



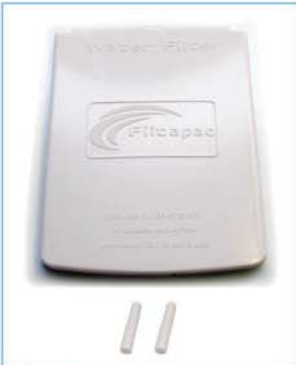
F313 - Complete Unit (White)
F315 - Spare Locking Cap (White)
F317 - Spare Throat Assembly (White)
S200 - Vecam Barrel & Keys (Spare)

40mm Water Inlet with
Locking Zadi Cap (White)



V725

Filtapac Filter Housing
(Carver/Truma Type)



V726 - Spare Housing Lid (Ivory)
V726W - Spare Housing Lid (White)
V728 - Lid Hinge Pins (Pair)

Filtapac Filter Housing
Spare Parts



V727 - Security Clips
V728 - Lid Hinge Pins (Pair)

Filtapac Water
Plug Security Clips



T289 - AQUAFLO Filter plus Refill

Filtapac AQUAFLO
Rechargeable Filter



F101 - Filter Cartridge
F294 - Refill for Carver Filters

Filtapac Rechargeable
Filter Cartridge



F294 - Refills for Carver Filter
F295 - Spares Kit

Filtapac
Refills & Spares



T290

Filtapac AQUA+ Filter
(replaces Truma Ultraflow)



F655

Drain Tap
for Fresh Water (blue)



F667

Drain Tap
for Waste Water (grey)



N225

12mm Equal Straight Pushfit Connector



N224

12mm Equal Elbow Pushfit Connector



N222

12mm Equal Tee Piece Pushfit Connector



N223

12mm Equal Y Piece Pushfit Connector



N277

15mm Equal Straight Pushfit Connector



N276

15mm Equal Elbow Pushfit Connector



N275

15mm Equal Tee Piece Pushfit Connector



N270

Straight Pushfit Adaptor 12mm to 1/2" Hose



N271

Straight Pushfit Reducer 15mm to 12mm



N227

Straight Pushfit Reducer 12mm to 10mm



N228

Elbow Pushfit Reducer 12mm to 10mm



N273

Straight Pushfit Reducer 12mm to 8mm



N230
Straight Pushfit Adaptor
15mm to 12mm Stem



N229
Straight Pushfit Adaptor
10mm to 12mm Stem



N226
Elbow Pushfit Adaptor
12mm to 12mm Stem



N279
Elbow Pushfit Adaptor
15mm to 15mm Stem

Useful below taps



N233
Straight Pushfit Adaptor
12mm to 3/8" BSP Female



N234
Straight Pushfit Adaptor
12mm to 3/8" BSP Male



N232
Straight Pushfit Adaptor
12mm to 1/2" BSP Female



N235
Straight Pushfit Adaptor
12mm to 1/2" BSP Male



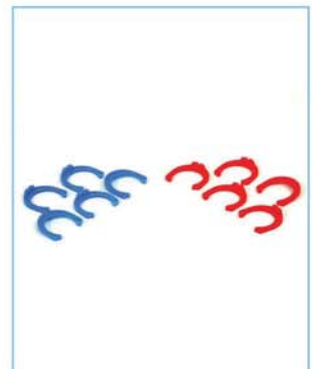
N236
Straight Pushfit Adaptor
12mm Stem to 3/8" Male



N237
Straight Pushfit Adaptor
12mm Stem to 1/2" Male



N231 - 12mm End Plug
N278 - 15mm End Plug
End Plugs for Blanking
Push Fit Connectors



N244 - Blue Locking Clips (Pkt of 5)
N245 - Red Locking Clips (Pkt of 5)
Locking Collet Clips for
Push Fit Connectors



N238

12mm Bulkhead Connector

For Walls up to 20mm
Min Hole Diameter 27mm



N239

Tank Fitting Assembly
12mm to 1/2" Male BSP



N240

12mm Pushfit Connector
Non Return Check Valve



N241

12mm Equal Pushfit
In Line Shut Off Valve



N274

12mm Elbow to Stem
In Line Shut Off Valve



N246

12mm In Line Pushfit
Filter/Strainer with Cap



N247

10mm In Line Pushfit
Filter/Strainer with Cap



N272

Light Duty Tube Cutters
For Pushfit Pipe



N287

Reich Uniquick In Line
12mm Non Return Valve



N286

Reich Uniquick Adaptor
12mm to 10mm Hose



N288

Reich Uniquick NRV
12mm to 10/12mm Hose



N289

Reich Uniquick NRV
12mm to Screwfit & Hose



F600

3/8" Straight
Water Hose Connector



F652

3/8" Elbow
Water Hose Connector



F651

3/8" Y Piece
Water Hose Connector



F650

3/8" Tee Piece
Water Hose Connector



F601

1/2" Straight
Water Hose Connector



F607

1/2" Elbow
Water Hose Connector



F604

1/2" Y Piece
Water Hose Connector



F608

1/2" Tee Piece
Water Hose Connector



F599

1/2" to 3/8" Straight
Water Hose Reducer



F602

3/4" Straight
Water Hose Connector



F605

3/4" Y Piece
Water Hose Connector



F609

3/4" Tee Piece
Water Hose Connector



F603

28.5mm Straight
Water Hose Connector



F606

28.5mm Y Piece
Water Hose Connector



I171

Easy Drain Kit for
28.5mm Double Drainage

Consists of F606 and
3 x length I150 28.5mm Hose



I170

Pushfit Y Piece 28.5mm
Water Hose Connector



I172

Waste Outlet 28mm
Pipe Connection Kit



F610 - 23.5mm Hose Seal Sleeve
F610PR - 23.5mm Hose Sleeve (Pair)

23.5mm
Hose Sealing Sleeves



F611 - 28.5mm Hose Seal Sleeve
F611PR - 28.5mm Hose Sleeve (Pair)

28.5mm
Hose Sealing Sleeves



F614

28mm Pushfit
Straight Pipe Connector



F615

28mm Pushfit
Elbow Pipe Connector



F616

28mm Pushfit
Y Piece Pipe Connector



F617

28mm Pushfit
Tee Piece Pipe Connector



F654

28mm Pushfit Pipe to
20mm Hose Connector



F612

28.5mm Convolutod to 28mm Pushfit Adaptor



F613

28.5mm Convolutod to 28mm Pushfit Pipe Adaptor



F590

28mm Water Tank Connector & Backing Nut



F591

Water Floor Connector 28.5mm Hose to 28mm Pipe



F653

Push Fit 28mm Pipe Sink "U" Waste Trap



F618

1/2" Round Hose Inlet With Dust Cap

F621 - Spare 1/2" Dust Cap



F619

3/4" Round Hose Inlet With Dust Cap

F622 - Spare 3/4" Dust Cap



F620

Double Round Hole Inlet With Dust Caps

F621 - Spare 1/2" Dust Cap
F622 - Spare 3/4" Dust Cap



F621 - 1/2" Dust Cap
F622 - 3/4" Dust Cap

Spare Dust Caps



F623

1/2" Hose Inlet With Cover



F624

3/4" Hose Inlet With Cover



F625

28.5mm Hose Inlet With Cover



F635 - Straight Plastic 3/4" Waste
F636 - Right Angled Plastic 3/4" Waste
F634 - Spare 3/4" Plug (Pair)

3/4" Plastic Top Sink Wastes



F632 - Straight S/Steel 3/4" Waste
F634 - Spare 3/4" Plug (Pair)

3/4" Stainless Steel Top Straight Sink Waste



F633 - R/ Angled S/Steel 3/4" Waste
F634 - Spare 3/4" Plug (Pair)

3/4" Stainless Steel Top Right Angled Sink Waste



F630 - Straight 1 1/4" Sink Waste
F629 - Spare 1 1/4" Plug

1 1/4" Straight Sink Waste to 3/4" Hose Fitting



F631 - Angled 1 1/4" Sink Waste
F629 - Spare 1 1/4" Plug

1 1/4" Angled Sink Waste to 3/4" Hose Fitting



F626 - Straight 1 1/4" Sink Waste
F629 - Spare 1 1/4" Plug

1 1/4" Straight Sink Waste to 28mm Pipe Fitting



F627 - Angled 1 1/4" Sink Waste
F629 - Spare 1 1/4" Plug

1 1/4" Angled Sink Waste to 28mm Pipe Fitting



F628 - R/ Angled 1 1/4" Sink Waste
F629 - Spare 1 1/4" Plug

1 1/4" R/ Angled Sink Waste to 28mm Pipe Fitting



N502 - 33mm Straight Drain
N508 - 33mm Plug

Reich 33mm Straight Waste Drain



N500 - 33mm R/ Angled Drain
N508 - 33mm Plug

Reich 33mm Right Angled Waste Drain



N501 - 39mm Straight Drain
N507 - 39mm Plug

Reich 39mm Straight Waste Drain



N499 - 39mm R/ Angled Drain
N507 - 39mm Plug

Reich 39mm Right Angled Waste Drain



F290 - M00 Hose Clips (Pair)
F301 - M00 Hose Clips (Pack of 100)

M00 Wormscrew
Hose Clips



F300 - 00 Hose Clips (Pair)
F302 - 00 Hose Clips (Pack of 100)

00 Wormscrew
Hose Clips



F668 - 16-25mm 5/Steel Clips (Pair)
F669 - 25-40mm 5/Steel Clip (Single)

Stainless Steel
Wormscrew Hose Clips



F645 - 1" Herbie Clip (Pk 5)
F645B - 1" Herbie Clip (Bulk 100)

Herbie Hose Clips
(1")



F646 - 1 3/8" Herbie Clip (Pk 5)
F646B - 1 3/8" Herbie Clip (Bulk 100)

Herbie Hose Clips
(1 3/8")



F647 - 3/8" P Clip (Pk 5)
F648 - 5/8" P Clip (Pk 5)
F637 - 3/4" P Clip (Pk 5)
F638 - 1" P Clip (Pk 5)
F643 - 1 1/4" P Clip (Pk 5)
F639 - 1 3/8" P Clip (Pk 5)

Nylon P Clips (for Water Hose)



F640 - 5-11mm Seal (Pair)
F640B - 5-11mm Seal (Pk 50)
F641 - 10-19mm Seal (Pair)
F641B - 10-19mm Seal (Pk 50)
F642 - 19-28mm Seal (Pair)
F642B - 19-28mm Seal (Pk 50)

Floor Seal



N676 - Aqua Clean Mini Tabs (40)
N476 - Aqua Clean Midi Tabs (32)
N477 - Aqua Clean Mega Tabs (18)

Aqua Clean
Water Purifying Tablets



N474 - Puriclean 100g (15 Gal Tank)
N473 - Puriclean 400g (60 Gal Tank)
N475 - Puriclean 4kg (550 Gal Tank)

Puriclean
Water System Cleaner



N478 - Aqua Sol (250ml Bottle)

Aqua Sol
Fresh Water Treatment



N480 - Puri Sol (300ml Bottle)

Puri Sol
Water Tank Cleaner



N481 - Waste Guard (300ml Bottle)

Waste Guard
Waste Water Deodoriser



W200 - 25 Lt Carrier with Black Cap
W198 - Spare Black Cap (25 Lt)

25 Litre Fresh Water Carrier with Cap



W201 - 25 Lt Carrier with Red Tap
W199 - Spare Red Tap (25 Lt)

25 Litre Fresh Water Carrier with Tap



W202 - 10 Lt Carrier with Black Cap
W193 - Spare Black Cap (10 & 5 Lt)

10 Litre Fresh Water Carrier with Cap



W203 - 10 Lt Carrier with Red Tap
W194 - Spare Red Tap (10 & 5 Lt)

10 Litre Fresh Water Carrier with Tap



W204 - 5 Lt Carrier with Black Cap
W193 - Spare Black Cap (10 & 5 Lt)

5 Litre Fresh Water Carrier with Cap



W205 - 5 Lt Carrier with Red Tap
W194 - Spare Red Tap (10 & 5 Lt)

5 Litre Fresh Water Carrier with Tap



F304

W4 Universal Tap Adaptor



F288 - Fill Up (with 1m Hose)
F289 - Fill Up 2 (with 2m Hose)
N249 - Fill Up 5 (with 5m Hose)

W4 Fill Up Hoses for Fresh Water



W193 - (5 & 10 Lt)
W198 - (25 Lt)

Spare Black Cap for Fresh Water Carriers



N612

Food Grade Flat Hose For fresh Water (25ft)



N611

Reel of Food Grade SuperFlat Hose (50ft)



M305

Flat Hose with Spray Nozzle (50ft)

TWINPRO - The Ideal Caravan Water/Waste Starter Pack



- 25L Fresh Water Tank
- Strong Folding Handle
- Large Wheels for Easy Roll
- 2 Fill/Empty Caps

- 22L Waste Water Tank
- Tank Contents Gauge
- Fold-out Disposal Arm
- Air Release Valve

V975 - TWINPRO - Fresh Water & Waste Water Carrier Twin-Pack



V596

Spare Wheel for Carriers
With Inserts & Snap Cap



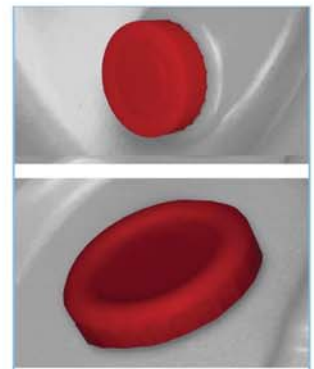
V586 - Small White Cap (44mm)
V587 - Large White Cap (85mm)

Spare Caps for
AquaPRO



V588

Spare White Tap
For AquaPRO



V583 - Small Red cap with seal (44mm)
V584 - Large Red cap with seal (85mm)

Spare Caps for
WastePRO

AQUAPRO



- 40L Fresh Water Tank
- Large Wheels for Rough Terrain
- Water Tap & Filler Tube Included
- 4 Fill/Empty Caps

V593 - AquaPRO
40 Litre Fresh Water Carrier

WASTEPRO



- 40L Waste Water Tank
- Large Wheels for Rough Terrain
- Hose fits tightly to avoid odour
- 2 Fill/Empty Caps

1150 Waste Hose
fits tightly

V592 - WastePRO
40 Litre Waste Water Carrier



V589

Spare White Flexible
Filler Hose

Extends from
330mm to 900mm



V597

Metal Extension Handle
for AquaPRO & WastePRO

Helps pull carriers with ease



V594 - Black Bag for AquaPRO
V595 - Grey Bag for WastePRO

Storage Bags for Carriers
With Drawstrings



V591 - Mains Water Adaptor Kit
V598 - Converter Cap (for Adaptor Kit)

AquaPRO
Mains Water Adaptor Kit



TWINTUB

T107 - WASHING MACHINE

Made for camping, caravanning, motorhomes and more...



T107 - Twin Tub Washing Machine

Washing Capacity : 3.5kg. Spinning Capacity : 2.5kg
Easy to operate and portable. 15 Minutes Timer.



PORTAPRO 20

- Bellows Pump
- 3-way Flush Action
- 20L Holding Tank
- Top Quality Materials

V976 - PortaPRO 20
with Bellows Pump



PORTAPRO 20 DELUXE

- Injection Piston Pump
- 3-way Flush Action
- 20L Holding Tank
- Top Quality Materials

V977 - PortaPRO 20 Deluxe
with Injection Piston Pump

CLEAR PVC
FRESH WATER HOSE



I105 - 3/8" Clear Hose (30m Roll)

I110 - 1/2" Clear Hose (30m Roll)

BLUE PVC
FRESH WATER HOSE



I140 - 3/8" Blue Hose (30m)

I120 - 1/2" Blue Hose (30m)

BLUE REINFORCED PVC
FRESH WATER HOSE



I142 - 3/8" Blue Reinforced Hose (30m Roll)

I124 - 1/2" Blue Reinforced Hose (30m Roll)

I161 - 10mm I/D Reinforced Hose (30m Reel)

RED REINFORCED PVC
FRESH WATER HOSE



I141 - 3/8" Red Reinforced Hose - 30m Roll

I125 - 1/2" Red Reinforced Hose (30m)

I162 - 10mm I/D Reinforced Hose (30m Reel)

12mm SEMI RIGID
PUSHFIT WATER PIPE



N243 - 12mm Blue Semi Rigid Hose (25m)

N242 - 12mm Red Semi Rigid Hose (25m)

40mm WIDE THROAT
FRESH WATER HOSE



I160 - 40mm White Convuluted Food
Grade Hose (10m Roll)

BLACK 3/4" FLEXIBLE
WASTE WATER HOSE



I135 - 3/4 Black Flexi Convuluted Hose (30m)

GREY CONVULUTED
WASTE WATER HOSE



I149 - 23.5mm Convuluted Waste Hose (50m)

I150 - 28.5mm Convuluted Waste Hose (25m)

GREY PUSHFIT
28mm RIGID PIPE



I151 - 28mm Push Fit Rigid Pipe 3m Length



V931 - 2 Litre Bottle

Crusader Chem Blue Toilet Fluid



V933 - 4 Litre Bottle

Crusader Chem Blue Toilet Fluid



V932 - 2 Litre Bottle

Crusader Chem Green Biodegradable Toilet Fluid



V930 - 2 Litre Bottle

Crusader Chem Pink Toilet Bowl Rinse



H245 - 1 Litre Spray

Fenwicks Black Streak Remover



H235 - 100ml Bottle

Fenwicks Windowize



H238 - Awning Cleaner (1L Spray)
H239 - Awning Reproofer (1L Spray)

Fenwicks Awning Products



H243 - 2.5 Litre Bottle

Fenwicks Top n' Tail Toilet Fluid



H250 - 1 Litre Bottle

Fenwicks Caravan Cleaner



H255 - 1 Litre Bottle

Fenwicks Motorhome Cleaner



H260 - 1 Litre Bottle

Fenwicks Bobby Dazzler



H265 - 1 Litre Bottle

Fenwicks Overwintering

Gas

When working with gas, it's essential that you can rely upon the quality of components that are used. That's why Crusader Products have carefully selected a range of compression fittings, couplings, regulators, pigtails and accessories to meet the high standards that modern caravanning demands.

- Regulators •
- Adaptors & Regulators •
- Pigtail Gas Hoses & Valves •
- Gasfuse •
- Gas Fittings •
- Compression Fittings •
- Safety Products •
- Pipes & Hoses •
- Barbeques •



G540

Butane Regulator



G542

Butane Regulator with Manometer



G780 - Standard
N604 - Heavyweight

Gas Spanner



G545

Camping Gas Regulator



G550

Propane Regulator



G551

Propane Regulator with Handwheel



G552

Propane Regulator with Manometer



G842

GASFUSE Inline Propane Leak Shut Off Valve (with Level Indicator)



G531

20mm Clip-on Regulator



G530

21mm Clip-on Regulator



G532

21mm Clip-on Regulator with Manometer



G832

27mm Patio Gas Regulator (Fits Flo Gas & BP Gas)



G777

Camping Gaz
Adaptor Valve



G824

21mm Clip On
Adaptor (Straight)

(to 4.5kg Calor Male Thread)



G828

21mm Clip On
Adaptor (R/Angled)

(to 4.5kg Calor Male Thread)



G831

27mm Clip On
Adaptor (Straight)

(to 4.5kg Calor Male Thread)



G924 - 8mm

Euro Caravan Regulator 30mb
for Propane or Butane

(M20 Inlet/8mm compression outlet)



G925 - 10mm

Euro Caravan Regulator 30mb
for Propane or Butane

(M20 Inlet/10mm compression outlet)



G922 - 8mm 90°

Euro Caravan Regulator 30mb
for Propane or Butane

(M20 Inlet/8mm 90°
compression outlet)



G923 - 10mm 90°

Euro Caravan Regulator 30mb
for Propane or Butane

(M20 Inlet/10mm 90°
compression outlet)



G928 - M20 x 8mm

30mb Caravan
Auto Changeover

(M20 x 8mm)



G929 - M20 x 10mm

30mb Caravan
Auto Changeover

(M20 x 10mm)



G829

Regulator Adaptor
M20 to 8mm Pipe

(Includes Test Nipple)



G830

Regulator Adaptor
M20 to 10mm Pipe

(Includes Test Nipple)



G826HW

0.45m Propane Pigtail with Handwheel

with M20 Fitting



G827 - Butane (illustrated)
G826 - Propane

0.5m Pigtails

with M20 Fitting



G837 - Butane (illustrated)
G836 - Propane
G836HW - Propane + Handwheel

0.75m Pigtails

with M20 Fitting



G839 - Butane (illustrated)
G838 - Propane
G838HW - Propane + Handwheel

1.5m Pigtails

with M20 Fitting



G838NR

1.5m Propane Pigtail with NRV

with M20 Fitting



G927 - Butane (illustrated)
G926 - Propane + Handwheel

0.45m Pigtail (S/Steel 20yr)

with M20 Fitting



G937 - Butane
G936 - Propane + Handwheel (illustrated)

0.75m Pigtail (S/Steel 20yr)

with M20 Fitting



G939 - Butane (illustrated)
G938 - Propane + Handwheel

1.5m Pigtail (S/Steel 20yr)

with M20 Fitting



G841 - Pigtail
V566 - Pigtail M20 Washer

0.5m Pigtail (M20 to M20)

with M20 to M20 Fittings



G930

Single Caravan Manifold Valve



G931

Double Caravan Manifold Valve



G932

Triple Caravan Manifold Valve



Gasfuse is trusted by 2 million families worldwide.

Gasfuse is a revolutionary lifesaving device that will completely and automatically shut-off the supply of bottled gas in the event of a major leak, regulator failure or valve fire. With over 25 years history designing, crafting and developing gas safety valves, we are proud to be the leaders in our field. Our safety record, and the quality of our product are second to none. Trust in Gasfuse today, and safeguard your family.



Cleaner

Emergency shut-off
Automatically and instantly shuts-off 100% of the gas supply in the event of a major leak or regulator failure.



Safer

Low gas indicator
Our German made, precision engineered gauge allows you to quickly and easily find out what is going on inside your cylinder.



Smarter

Tilt shut-off
Gasfuse has an inbuilt tilt-switch, meaning if your bottle falls or wobbles excessively mid flow, the supply will shut-off.

An award-winning, globally approved product.



Pressure proof
Gasfuse far exceeds any pressure test requirements, with a staggeringly high burst pressure of 900 bar.



Thermal fuse
In the event of a major gas valve fire, Gasfuse will shut-off the supply of gas prior to cylinder failure.



Quality & safety
Gasfuse complies with all of the major relevant international quality and safety codes.



Award winning
Gasfuse is the first of its kind, winning innovation, invention and safety awards around the world.



Over 2 million sold
Gasfuse is sold around the world. Our wide range of fittings will cater for most gas cylinders.



**TWO GOLD MEDALS FOR SAFETY
BRONZE MEDAL AND SILVER
MEDAL FOR ENVIRONMENT**

Awarded by the International Inventors Association in Geneva, Switzerland

G842 - Gasfuse - Shuts off 100% of the supply of bottled gas in the event of a major leak or regulator failure. A revolutionary lifesaving device with inbuilt tilt switch shutting supply off if the bottle tilts or falls.

Live life... Live leisure

0115 973 6939
sales@crusaderproducts.co.uk



G753 - 1/4"
G754 - 5/16"
G805 - 8mm
G812 - 10mm

Ferrules
(Pkt of 5)



G775

1/4" Pipe Clips
(Pack of 5)



G773

3 way Nozzle
Tee Piece



G840 - Gas Nozzle "Y" Piece (for Gas Hose)
G844 - 8mm Quick Release Coupling
G843 - Hilo Adaptor

Gas Adaptors



H191W

Quick Release
Gas Outlet Box (White)



H192

Spare Lid for Gas Outlet
Box (Creamy White)



H193

Spare Lid for Gas Outlet
Box (Pure White)



H196
H196BULK - Pack of 50

Quick Release
Gas Nozzle



N125

Outdoor Utility
Gas Point (White)

Complete with
Lock on Hose Fitting



N125C

Outdoor Utility
Gas Point (Cream)

Complete with
Lock on Hose Fitting



N125G

Outdoor Utility
Gas Point (Grey)

Complete with
Lock on Hose Fitting



N127

Quick Release Nozzle
For Outdoor Utility Gas Point



G768

1/4"
Male Nozzle



G769

1/4"
Female Nozzle



G750 - 1/4"
G751 - 5/16"
G803 - 8mm
G807 - 10mm

Copper Nozzle



G764 - 1/4"C x 1/8"
G765 - 1/4"C x 1/4"

Tapered Male Coupling



G756 - 1/4"C
G757 - 5/16"C
G801 - 8mm
G819 - 10mm

Equal Ended
Coupling



G761 - 5/16"C x 1/4"
G804 - 10mm to 8mm

Reducing
Coupling



G794 - 1/4"C
G795 - 5/16"C
G818 - 8mm
G822 - 10mm

Equal Elbow
Coupling



G758 - 1/4"C
G759 - 5/16"C
G802 - 8mm
G820 - 10mm

Equal
Tee Piece



G762 - 5/16" Line to 1/4" Branch
G808 - 10mm Line to 8mm Branch

Unequal
Tee Piece



G774 - 1/4"C
G798 - 5/16"
G817 - 8mm
G821 - 10mm

Stop End



G755 - 1/4"
G787 - 5/16"

Blank Nut



G809 - 8mm
G811 - 10mm

Coupling Nut



G783 - Single
G785 - Pack of 50

LPG Sticker



G813

Gas Bottle Bracket & Strap
(Includes Spacer Block)



G793

Saddle Clamp
Bottle Holder



N556

Deluxe
Smoke Alarm



N554

Deluxe Carbon
Monoxide Smoke Alarm



N541

Digital Carbon Monoxide
Smoke Alarm



M315

ABC Powder Aerosol
Extinguisher 600g



M316 - 0.6kg Alpha 600
M319 - 0.95kg Beta 950

Powder
Fire Extinguisher



N555

ABC Powder Deluxe
1Kg Fire Extinguisher



M311

Home & Leisure Fire
Extinguisher (Twin Pack)



M312

Home & Leisure
Fire Safety (Twin Pack)



M322

Crusader Fire Blanket
(Ncc approved) 1M x 1M



G778 - 1/4"
G779 - 5/16"
G806 - 3/8"

Copper Pipe (30m Roll)



G815 - 8mm
G816 - 10mm

Metric Copper Pipe
(30 metre Roll)



N602

2m Black LP Hose
& M00 Clips (Pair)



I102

Black L.P Gas Hose
(75m Roll)



N603 - 1M
G747 - 2M

Orange HP Gas Hose
& M00 Clips (Pair)



I146 - Coil
I145 - Reel (Illustrated)

Orange H.P. Gas Hose
(50 Metres)



F290 - Pair
F301 - Pack of 100

M00 Hose Clips



G748

Barbeque Gas Kit (Includes Propane
Regulator, 2 Metres of Gas Hose
& 2 M00 Hose Clips)



G789 - Refill Cartridge 250ML

Gas Refill



G791 - Gas Lighter (Single)
G799 - Gas Lighter (twin pack)

Gas Lighters



V950 - Tabletop BBQ
V949 - Spare Burner

Gordon BBQ
Complete with Lava Rock



V739 - Combo BBQ

Combo Portable Gas BBQ
With Folding Trolley



Combo Portable Gas BBQ

1. FREE STANDING BBQ

2. FOLDABLE TROLLEY

3. TABLETOP BBQ

V739 - Combo Portable Gas Barbeque & Trolley

This top quality, stylish 3 in 1 Combo Portable Gas BBQ is the ideal outdoor cooker for caravans, motorhomes, camping, picnics and home use. With its easy to assemble design, incorporating two fold-out side shelves and a sturdy trolley assembly which can be removed. It can also be used as a table top unit.

Running on either propane or butane, the Combo has piezo ignition, a variable heat control, a large single burner with flame tamer and a chrome grill.

Dimensions :

Standing Size : 104cm x 45cm x 93cm

Carton Size : 64cm x 41.5cm x 32cm

Cooking Area : 44cm x 32cm



Gordon BBQ

V950 - Gordon Portable Gas Barbeque with Lid

This handy folding Gordon Portable Gas Barbeque is the ideal portable solution for caravans, motorhomes, camping, picnics and home use. With its easy to assemble design, and its folding legs which double as a lid retainer during transport,

The Gordon BBQ runs on either propane or butane, and comes complete with lava rock for that delicious barbeque smoky flavour.

Dimensions :

Overall Size : 48cm x 29.5cm x 28.5cm

Cooking Area : 41cm x 26.5cm.

Crusader Products prides itself on the huge range of mains and low voltage electrical accessories it keeps in stock. Whether you require chargers or converters, power units or plug sockets, adaptors or an extensive selection of TV Aerial and Satellite products, Crusader Products can offer a superb choice of quality accessories at exceptional prices.

Electrical Accessories

- Mobile Mains
- Mains Leads & Adaptors
- Mains Inlets & Outlets
- Mains Kits & Consumer Units
- Berker Socket Range
- TV & Aerial
- 12v Plugs & Sockets
- 12v Leads & Accessories
- Batteries



V893

Powerpro 3 Way Mobile Mains Unit with 15m Cable Reel, and USB Outlets

POWER - 3 x 13 Amp Mains Sockets with RCD
 CHARGE - 3 x USB ports for cameras and mobiles
 ILLUMINATE - Integrated detachable LED Torch



V762

SITE POWER - Mobile 20 Metre Mains Site Power Unit

SITE POWER - 3 x 13 Amp Mains Sockets
 SAFETY - RCD and Polarity Warning Indicator

2.5mm² Copper Mains Leads suitable for Motorhome & Caravans on all sites including NCC



J245

10 Metre Orange 2.5mm² Mains Lead

3 Core 100% Copper Cable
 16 Amp 240V Connectors
 BS EN 60309 / IP44



J250

25 Metre Orange 2.5mm² Mains Lead

3 Core 100% Copper Cable
 16 Amp 240V Connectors
 BS EN 60309 / IP44



J252 - 15 Metre
 J255 - 20 Metre

Orange 2.5mm² Mains Lead

3 Core 100% Copper Cable
 16 Amp 240V Connectors
 BS EN 60309 / IP44

1.5mm² Copper - General Use



J248 - 10 Metre
 J249 - 25 Metre

Orange 1.5mm² Lead

3 Core 100% Copper Cable
 16 Amp 240V Connectors
 BS EN 60309 / IP44



V869

Cord Reel 25 metre Cable Wheel



X101 - with 10m x 2.5mm² Mains Lead
 X100 - Cord Reel Compact

Cable Cord Reel Compact



V763

Carry Bag For Mobile Mains Unit

Bag for SITE POWER (V762)



V767

Tripod for 3 Gang Mobile Mains

Tripod for SITE POWER (V762)



J220 - UK Conversion Lead
J430 - 13 amp Plug (White)

UK Conversion Lead



J230

Continental Conversion Lead



J240 - Conversion Lead (Domestic)
J437 - 13amp Trailing Socket

Conversion Lead (Domestic)
13A Socket



X102

Mains Cable Carry



J140

Site Plug (Standard)

BS EN 60309 / IP44



J150

Caravan Coupler

BS EN 60309 / IP44



J159

16A 3 Way Adaptor

BS EN 60309 / IP44



J200

16mp Garage Outlet Socket

BS EN 60309 / IP44



N563

Universal Mains Testing Kit

Useful to test Reverse Polarity



J460

W4 Mains Tester Plug



J615

Continental 2 Pin Schuko to UK Adaptor Plug



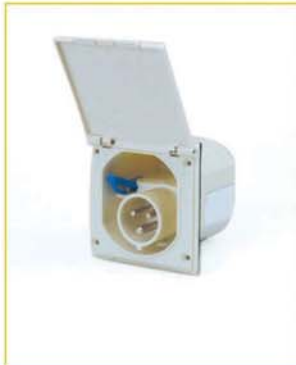
J440 - 30A Round Connector Box

3-Way Adaptor 30A Round Connector Box



J160 - Surface Mounted (IP44)
J160C - Cap for Surface Inlet

Surface Mains Inlet



J190

Flush Square Mains Inlet (IP44)



J170W

Caravan Inlet Flush Mounted White (Rectangular)



J210W - 13A Socket Outlet
J437 - 13A Trailing Socket

Flush Fit White 13A Socket Outlet (Rectangular)



J215W - Mains Outlet (White)
J205 - Waterproof Socket Only

Deluxe Mains Outlet 13A with Waterproof Socket (Rectangular)



J209W - White

13A Mains Socket & Cigar Socket 12v Outlet (Rectangular)



J450W - Box with lid
J180W - Lid with 2 pins
J180W/PIN - Spare pins

Spare White Rectangular Box with Lid



J170S

Caravan Inlet Flush Mounted Grey (Rectangular)



J450S - Box with lid
J180S - Lid with 2 pins
J180W/PIN - Spare pins

Spare Grey Rectangular Box with Lid



J180W - Lid with 2 pins
J180W/PIN - Spare Pins

Spare Rectangular Lid (White) for Inlet Box



N128

Bulldog Electrical Outlet Point (White)



N128G

Bulldog Electrical Outlet Point (Grey)



J110

Mains Installation Kit



J131

Crusader Consumer Unit



J129

Crusader DP
Consumer Unit



J128

Spare Enclosure
For Consumer Unit



J132 - 6 Amp
J133 - 10 Amp
J137 - 16 Amp

MCB
(Single Pole)



J138 - 6 Amp
J139 - 10 Amp
J142 - 16 Amp

MCB
(Single Pole & Neutral)



J146 - 6 Amp
J147 - 10 Amp
J148 - 16 Amp

MCB
(Double Pole)



J134 - 25 Amp RCD
J136 - 40 Amp RCD

Spare Residual
Circuit Device



P290DS

Single Gang Switched
13A Socket (Desert Sand)



P310DS

Double Gang Switched
13A Socket (Desert Sand)



P330DS

Single Gang Surface
Mounting Box (Desert Sand)



P350DS

Double Gang Surface
Mounting Box (Desert Sand)



B402 - Mains Socket
N646 - 1 Gang Blanking Plate

Berker 13 Amp Mains Socket (Matt Anthracite)

2015 onwards Swift & Lunar
55.5mm x 55.5mm
variety of frames on page 91



V616 - Mains Socket
N647 - 1 Gang Blanking Plate

Berker 13 Amp Mains Socket (Matt Polar White)



V615 - with IP44 Cover & Seal

Berker 13A Mains External Socket (Matt Anthracite)

N545 - Back Box
V621 - Spare IP44 Seal



N550 - with IP44 Cover & Seal

Berker 13A Mains External Socket (Glossy Polar White)

N545 - Back Box
V621 - Spare IP44 Seal



V609

Berker Schuko Euro 2 Pin Mains Socket (Matt Anthracite)



B404

Berker Coaxial TV Socket (Matt Anthracite)



V618

Berker Satellite Socket (Matt Anthracite)



B403

Berker Coaxial & Satellite Socket (Matt Anthracite)



N543

Berker 12v Geru Socket (Matt Anthracite)



V982

Berker 12v Cigar Plug Socket (Matt Anthracite)



V983

Berker 12v Geru & Satellite Socket (Matt Anthracite)



V985 - from 12V supply

Berker 5v USB Charging Socket (Matt Anthracite)



B401
Berker One Way Rocker Switch (Matt Anthracite)



B406
Berker Two Way Rocker Switch (Matt Anthracite)



N542 - 4 Contact Step Switch
Berker Reverse Polarity Step Switch (Matt Anthracite)



B405 - Mounting Box
N545 - Wall Box With Clamp
Berker Surface Mounting Box (Glossy Anthracite)



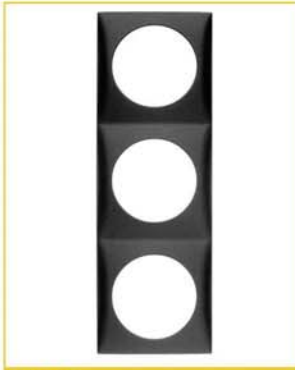
B400 - Anthracite
V617 - White (illustrated)
N546 - Matt Chrome

1 Gang Frame Flow



N648 - Anthracite
N649 - White (illustrated)
N548 - Matt Chrome

2 Gang Frame Flow



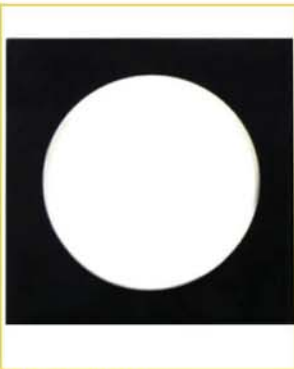
N640 - Anthracite (illustrated)
N642 - Matt Chrome

3 Gang Frame Flow



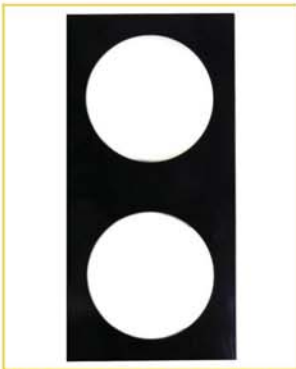
N720 - Anthracite
N721 - White (illustrated)
V622 - Matt Chrome Pure
V620 - Bright Chrome Pure

1 Gang Hinged Lid



V984 - Black Gloss
N643 - S/Steel Matt

1 Gang Pure



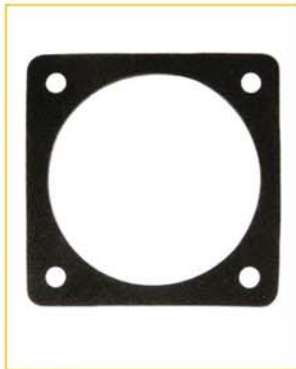
V974 - 2 Gang Black Gloss
N644 - 2 Gang S/Steel Matt
N645 - 3 Gang S/Steel Matt

2 Gang Pure & 3 Gang Pure



V624 - Anthracite (illustrated)
V625 - White

IP44 Hinged 1 Gang Frame



V621

IP44 Seal 1 Gang

V621 - Spare IP44 Seal



B160

Male Coaxial Plug
(Nickel/Brass)



B512 - Pack of 2

Single Fastfit Digital
Male Coaxial Plug



B170

Female
Coaxial Plug



B155

Coaxial In Line
Coupler



B175

Coaxial
Y Splitter



A104

Satellite
F Connector



B513

Single Inline Satellite
F Connector



B527

Adaptor to fit an F Satellite
Connector to a Coaxial Socket



B528

Adaptor to fit a Coaxial
Connector to an
F Satellite Socket



A112

2 Way Satellite
Splitter Box



A113

3 Way Satellite
Splitter Box



B140

Coaxial
Surface Socket



N258
Satellite
Surface Socket



B150
Coaxial External Socket
with Prewired lead



B180
Coaxial Flylead
(2m)



B529
25m Satellite Lead
(F Connector to F Connector)

Various Coaxial and Satellite
Cable available in Cable Section



B250 - with interchangeable Jack Plugs
Universal
TV Power Lead DC



N129
Satellite / TV / 12v
Outlet Point



A150
Radio
Aerial



A109 - with 10m of Benchmarked Cable
Digimaster Digital UHF 32
Element High Gain TV Aerial



A110 - With 10 Element Aerial, 10m Cable, 3 Pole Mast, Std & Jockey Clamp
Masted
TV Aerial Kit



A111 - TV Aerial with Clamp & 10m Coax Cable
A120 - Mast, 3 Pole Set with Jockey Clamp Only
10 Element TV Aerial (with PCB Balun)
and Mast



A130
Aerial Mast Jockey Wheel
Deluxe Aluminium Clamp



A140
Aerial
Fixing Clamp





P110DS

2 Pin 12v (Desert Sand)
Polarized Plug

B262

Geru/Hella
Single Pole PlugB264 - Socket & Cap
B265 - Flush SocketGeru/Hella Single Pole
Recessed Socket & Cap

B290

Cigar Plug



V764

Cigar Plug
with FuseWith removable red cap
to adapt to Geru size plug

V614

Cigar Plug
& Cable

B244

Twin Extension
Socket

B270

W4 Cigar Plug
2 Metre Extension Lead

B280

Cigar Socket
2 Way Adaptor

B260

Recessed
Cigar Socket

B261

Surface Mounted Cigar
Socket with Rubber Cap

B263

In Line
Cigar Socket



B220

Adapt It - Cigar Socket to Senate Plug



B240

Adapt It 3 - Cigar Socket to Clipsal 2 Pin Plug



B245

Adapt It 4 - Cigar Socket To Crocodile Clips



B246

Adapt It 5 - Cigar Socket To Single Pole Geru/Hella Plug



B272

Luminous Press Switch



B281 - Switch with Red Key
B281-KEY - Cut Off Key

Battery Isolator Cut-Off Switch with Red Key



T134

Muvonics 18A Battery Charger (Multi Stage)



E210 - Deluxe Battery Clamps

Pair of Quick Release Battery Clamps (Red & Blue)



N110 - Fits most 75/85Ah Batteries

Small Battery Box (with Strap) Red



N110U - Fits most 75/85Ah Batteries

Medium Battery Box (with Strap) Blue



N111 - Fits most 110Ah Batteries

Large Battery Box (with Strap/Divider)



B288 - Retaining Brackets
M503 - Double Brackets & Strap

Retaining Brackets for Battery Box Securing Strap (Brown)

TYPE AAA



N453 - Duracell 1.5v (x4) (10 Packs)

N454 - Philips 1.5v Powerlife (x4) (12 Packs)

TYPE AA



N450 - Duracell 1.5v (x4) (20 Packs)

N452 - Duracell Procell (Industrial) 1.5v (x100)

N451 - Philips 1.5v Powerlife (x4) (12 Packs)

TYPE C



N455 - Duracell 1.5v Plus (x2) (10 Packs)

N456 - Philips 1.5v Powerlife (x2) (12 Packs)

TYPE D



N457 - Duracell 1.5v Plus (x2) (10 Packs)

N458 - Philips 1.5v Powerlife (x2) (12 Packs)

TYPE PP3



N459 - Duracell 9v Plus (x1) (10 Packs)

N449 - Duracell 9v Plus (x100)

N460 - Philips 9v Powerlife (x1) (12 Packs)

N461 - AGFA 9v Alkaline (x50)

N461/100 - AGFA 9v (x100)

TYPE 996



N472 - GP 6V Zinc Carbon Lantern 4R25 - PJ996 (Box of 10)

TUBULAR CELL



N462 - GP 1.5v LR1 Size N (Clock) Alk (x2) (Box of 10)

N462/SINGLE - Agfa 1.5v LR1 Size N (Clock) Alk (Box of 10)

N470 - Philips 1.5v LR1 Size N Alkaline (Box of 20)

N469 - GP 6v LR44 Alkaline (Box of 10)

N484 - GP 12v 27A Powerful (Alarm) (x5) (Box of 20)

FLAT ROUND CELL



N471 - GP 1.5v A76 Alkaline Alarm Button (Box of 10)

N464 - Philips 3v CR1220 Lithium (Box of 10)

N465 - Philips 3v CR1620 Lithium (Box of 10)

N466 - Philips 3v CR2016 Lithium (Box of 10)

N467 - Philips 3v CR2025 Lithium (Box of 10)

N468 - Philips 3v CR2032 Lithium (Box of 10)

ELECTRICAL - Lighting & Bulbs

Crusader Products is a one stop lighting shop for all your low voltage auto and leisure lighting needs. We stock an extensive range of exterior cluster and marker lamps to fit a huge range of European leisure vehicles, as well as a frequently updated and expanding range of internal light fittings and their respective Tungsten, LED and Halogen bulbs, and Fluorescent tubes.

EXTERIOR LIGHTING

- Rear Clusters
- Rear Clusters & Number Plate Lamps
- Circular & Oval Lamps
- LED & Standard Marker Lamps
- Marker Lamps
- Marker Lamps & Reflectors

INTERIOR LIGHTING

- LED Lights
- Standard Lights
- Standard Lights
- General Lights
- Yourlite

BULBS & TUBES

- LED & SMD
- 249V & Halogen 12V
- 12V Bulbs & Tubes



D401 - With Reverse
D405 - With Fog (illustrated)

Hella Caraluna L/H Caravan Cluster - Mk2

446 x 170 x 80mm
1 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)
1 x Amber Bulb (D482)



D402

Hella Caraluna R/H Caravan Cluster (with Fog Lamp) - Mk2

446 x 170 x 80mm
1 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)
1 x Amber Bulb (D482)



D403

Hella Caraluna L/H Motorhome Cluster (With Reverse) - Mk2

446 x 170 x 80mm
1 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)
1 x Amber Bulb (D482)



D404

Hella Caraluna R/H Motorhome Cluster (With Fog Lamp) - Mk2

446 x 170 x 80mm
1 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)
1 x Amber Bulb (D482)



D390 - With Reverse (illustrated)
D392 - With Fog instead of Reverse

Hella Caraluna L/H Caravan Cluster (With Fog instead of Reverse) - Mk1

385 x 130 x 60mm
3 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D400

Hella Caraluna R/H Caravan Cluster (With Fog Lamp) - Mk1

385 x 130 x 60mm
3 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D391

Hella Caraluna L/H Motorhome Cluster (with Reverse) - Mk1

385 x 130 x 60mm
3 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D399

Hella Caraluna R/H Motorhome Cluster (With Fog) - Mk1

385 x 130 x 60mm
3 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D420

Jokon 3000 L/H Caravan Cluster Lamp

462 x 178.5 x 106.5mm



D421

Jokon 3000 R/H Caravan Cluster Lamp

462 x 178.5 x 106.5mm



D365

Britax 9300 Wraparound Cluster Lamp 12V

Can be fitted L/H or R/H
383 x 130 x 52mm
3 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D340 - With White Reverse Light
D450 - Spare Jokon Bulb Retaining Clip

Jokon BBSWN541 Wraparound Cluster Lamp

385 x 130 x 60mm
3 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D330 - with Red Fog Light and No Reverse
D450 - Spare Jokon Bulb Retaining Clip

Jokon BBSN540 Wraparound Cluster Lamp

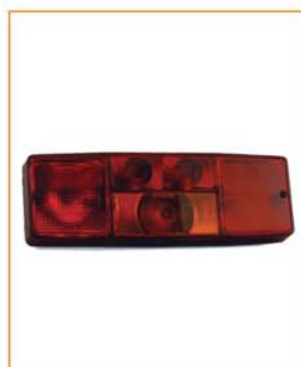
385 x 130 x 60mm
3 x 12v 21w Single Contact (D480)
1 x 12v 10w Single Contact (C340)



D350 - Cluster Lamp (With Fog)
D450 - Spare Jokon Bulb Retaining Clip

Jokon BBSA542 Wraparound Cluster Lamp (With Fog)

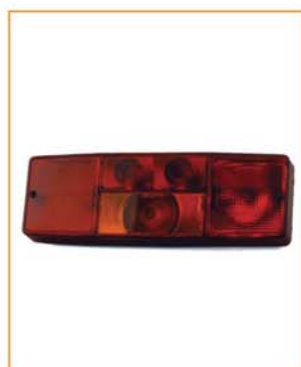
305 x 130 x 60mm
2 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D327 - Cluster Lamp
D322 - L/H lens

Britax 9038 L/H Cluster Lamp

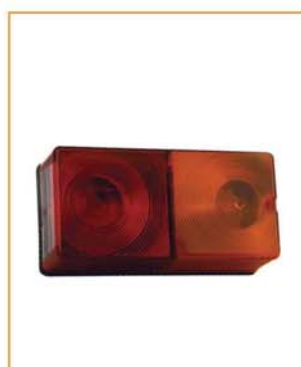
285 x 97 x 55mm
3 x 12v 21w Single Contact (D480)
2 x 12v 5w Single Contact (D300)



D329 - Cluster Lamp
D328 - R/H lens

Britax 9038 R/H Cluster Lamp

285 x 197 x 55mm
3 x 12v 21w Single Contact (D480)
2 x 12v 5w Single Contact (D300)



D180 - Cluster Lamp
D190 - Lens

Britax 9002 Cluster Lamp

160 x 80 x 56mm
1 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D200 - Cluster Lamp
D205 - Lens

Perej CRL12 Cluster Lamp

98 x 98 x 48mm
1 x 12v 21w Single Contact (D480)
1 x 12v 21w/5w Dble Contact (D470)



D179

Hella Recessed Number Plate Lamp 2KA 004 331067

92 x 29 x 19mm



D181

Hella Recessed Number Plate Lamp 2KA 005 049007

82.5 x 32.5 x 39mm



D175

Jokon K420 (Black) Number Plate Lamp

72 x 50 x 38mm
1 x 12v 10w Single Contact (C340)



D176

Hella 2KA Number Plate Lamp

100 x 54 x 56mm
1 x 12v 10w Single Contact (C340)



D160

Jokon K415 Number Plate Lamp

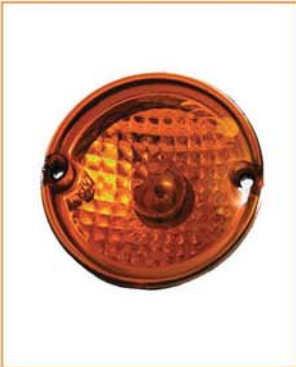
100 x 55 x 58mm
1 x 12v 10w Single Contact (C340)



D150

Britax 867 Number Plate Lamp

106 x 57 x 57mm
1 x 12v 10w Single Contact (C340)



D282
Jokon Amber Rear Indicator Light (Circular) (94.4mm Diameter)
 1 x 12v 21w Single Contact (D481)



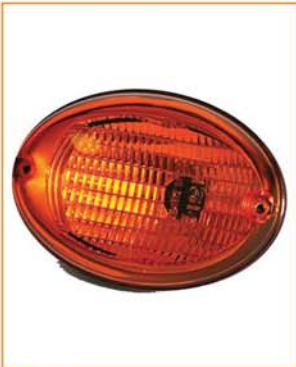
D302
Jokon Circular Red Fog Light (94.4mm Diameter)
 1 x 12v 21w Single Contact (D480)



D284
Jokon White Circular Front Light (94.4mm Diameter)
 1 x 12v 21w Single Contact (D480)



D283
Jokon Red Rear Stop/Tail Circular Light (94.4mm Diameter)
 1 x 12v 21w/5w Twin Contact (D470)



N525
Hella oval amber indicator lamp
 140.4mm x 98.4mm x 75.1mm
 1 x 12v 21w Single Contact (D481)



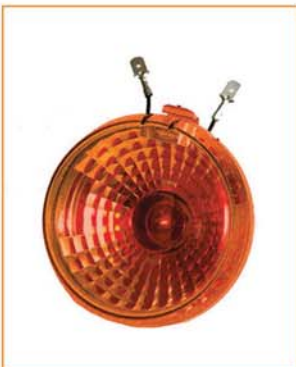
N526
Hella oval red rear fog lamp
 140.4mm x 98.4mm x 75.1mm
 1 x 12v 21w Single Contact (D480)



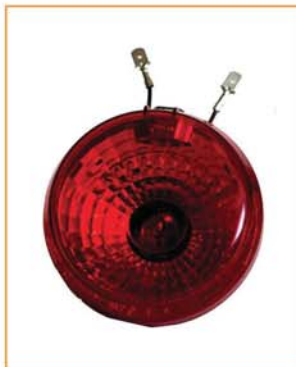
N527
Hella oval white reverse lamp
 140.4mm x 98.4mm x 75.1mm
 1 x 12v 21w Single Contact (D480)



N524
Hella oval red stop/tail lamp
 140.4mm x 98.4mm x 75.1mm
 1 x 12v 21w/5w Single Contact (D470)



N520
Hella circular amber indicator lamp
 90mm
 1 x 12v 21w Single Contact (D481)



N522
Hella circular red rear fog lamp
 90mm
 1 x 12v 21w Single Contact (D480)



N523
Hella circular white reverse lamp
 90mm
 1 x 12v 21w Single Contact (D480)



N521
Hella circular red stop/tail lamp
 90mm
 1 x 12v 21w/5w Twin Contact (D470)



N532

Hella Circular Red Rear Stoplight Combination Light

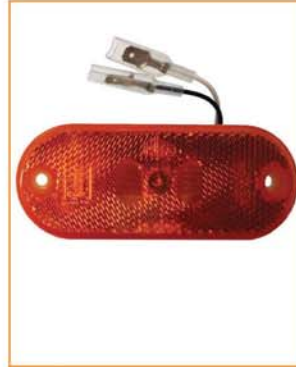
60mm
Used on Swift (Bessacar)
Lunar & Autotrail



D440

Jokon Led Rounded Oval 12v Front Marker Lamp (clear)

110 x 45 x 13mm



D441

Jokon Led Rounded Oval 12v Side Marker Lamp (amber)

110 x 45 x 13mm



D442

Jokon Led Rounded Oval 12v Rear Marker Lamp (red)

110 x 45 x 13mm



D439

Jokon Led 12v White Front Marker Lamp 1.0W

100mm x 44mm x 12.5mm



D438

Jokon Led 12v Amber Side Marker Lamp 1.0W

100mm x 44mm x 12.5mm



D437

Jokon Led 12v Red Rear Marker Lamp 1.0W

100mm x 44mm x 12.5mm



D443

Jokon Led 2010 12v Side Marker Lamp (amber)

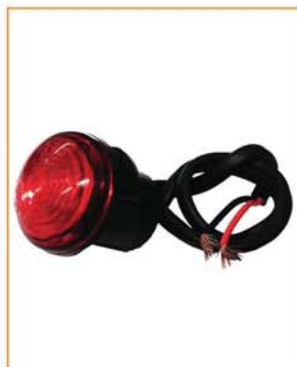
124 x 45 x 14mm



D700

Jokon LED High Level Rear Light

290 x 26 x 26mm



D445

Jokon Led 12v Rear Tail Marker Lamp

30mm



**D287 - Marker Lamp
D288 - Spare Lens**

Britax 882 Rear Marker Lamp (red)

74 x 28 x 30mm
1 x 12v 5w Festoon (D460)



**T262 - L/H (illustrated)
T263 - R/H**

Hella Side Marker Lamp (red/white)

122.2 x 39.2 x 28.6mm
1 x 12v 5w Festoon (D460)



D178

Hella Oval Flush Clear
Front Marker Lamp

101.6 x 45 x 12.5mm
1 x 12v 5w Capless Bulb (D475)



D174

Hella Oval Amber
Flush Side Marker Lamp

101.6 x 45 x 12.5mm
1 x 12v 5w Capless Bulb (D475)



D173

Hella Oval Red
Flush Rear Marker Lamp

101.6 x 45 x 12.5mm
1 x 12v 5w Capless Bulb (D475)



D293

Snap Fit Front
Marker Lamp (White)

110 x 40 x 25mm
1 x 12v 5w Capless Bulb (D475)



D292

Snap Fit Side Marker
Lamp (Amber)

110 x 40 x 25mm
1 x 12v 5w Capless Bulb (D475)



D289

Snap Fit Rear
Marker Lamp (Red)

110 x 40 x 25mm
1 x 12v 5w Capless Bulb (D475)



D260 - Marker Lamp
D261 - Spare Lens

Britax 814 Front
Marker Lamp (Clear)

84 x 26 x 29mm
1 x 12v 5w Festoon (D460)



D220 - Marker Lamp
D230 - Spare Lens

Jokon PL115 Front
Marker Lamp (Clear)

71 x 61 x 37mm
1 x 12v 5w Festoon (D460)



D240 - Marker Lamp

Jokon PL96 Front
Marker Lamp (Clear)

74 x 26 x 46mm
1 x 12v 5w Festoon (D460)



D250 - Marker Lamp

Jokon PL130 Front
Marker Lamp (Clear)

75 x 45 x 25mm
1 x 12v 5w Festoon (D460)



D265 - Marker Lamp
D270 - Spare Lens

Britax 813 Side
Marker Lamp (Amber)

84 x 26 x 29mm
1 x 12v 5w Festoon (D460)



D271 - Marker Lamp
D272 - Spare Lens

Britax 883 Side
Marker Lamp (Amber)

74 x 28 x 30mm
1 x 12v 5w Festoon (D460)



D275 - Marker Lamp
D276 - Spare Lens

Britax 881 Front Marker Lamp (Smoky Clear)

74 x 28 x 30mm
1 x 12v 5w Festoon (D460)



D290 - Marker Lamp

Jokon SPL115 Side Marker Lamp (Red/Clear)

71 x 61 x 37mm
1 x 12v 5w Festoon (D460)



D298 - Marker Lamp

Jokon 102 Side Marker Lamp (Red/Clear)

90 x 40 x 40mm
1 x 12v 5w Festoon (D460)



D297 - Marker Lamp
N606 - Spare Lens

Hella 2XE Side Marker Lamp with Screw on Lens (Red/Clear)

92 x 43 x 37mm
1 x 12v 5w Festoon (D460)



D299

Hella 883 Side Marker Lamp (Red/Clear)

60 x 60 x 40mm
1 x 12v 5w Festoon (D460)



N118 - Marker Lamp

Jokon SPL07 Side Marker Lamp with Clip On Lens (Red/Clear)

92 x 43 x 37mm
1 x 12v 5w Single Contact (D300)



G161 - White
G162 - Amber
G163 - Red

Circular Reflector (Pair)

60mm



T322 - White
T320 - Amber
T321 - Red

Oval stick-on Reflector (Single)

101.6 x 45mm



G165 - White
G160 - Amber
G167 - Red

Small Reflector (Pair)

72 x 43mm



V876 - White
V875 - Amber
V877 - Red

Reflector (Pair)

95 x 38mm



G180 - White
G170 - Amber
G190 - Red

Large Reflectors (Pair)

130 x 50mm



D410 - Standard Red
D415 - With White Surround

Triangular Reflector (Single)

Standard : 160 x 140mm
White Surround : 180 x 160mm



T298 - 522mm
T299 - 1000mm

Labcraft Orion
LED Striplight



T301 - 626mm
T302 - 1106mm

Labcraft Nebula
LED Striplight



T903

Labcraft Astro LED
Awning Light Grey



T303

Labcraft Astro LED
Awning Light



L274 - 3W
L275 - 6W

Labcraft Linear
LED Striplight



N573

Lumo 24
LED Rotalite (2W)



N575

Lumo 18 LED
Striplite Satin (2w)



C264 - 12 LED / 250mm
C265 - 24 LED / 500mm

Labcraft APOLLO LED
Striplight SWITCHED



T305

Labcraft Pole LED
Strip Light



N564 - Crown Light
V724 - Replacement Cover

Lumo 20 LED
Crown Satin Light (3.5W)



N568

Lumo 20 LED
Coronet Lite (3.5W)



N566

Lumo 12 LED
Awning Lite White (3W)



N569
Lumo 30 LED Cool Lite White (2.5W)



T501
Lumo 9 LED Ceiling Light Silver (0.75W)



T509
Lumo 3 LED Down Lite Chrome (0.6w)



T508
Lumo 21 LED DownLite Brush Nickel (2w)



N613
Lumo 1 LED Spot Lite Brushed Nickel (1w)



T503
Lumo 1 LED Eco Spotlite (1w) Brushed Nickel Bulk



T502
Lumo 12 LED Dora SpotLite (0.75w) Brushed Nickel



N576
Lumo 1 LED Spotlite Chrome (1.5W)



N583
Lumo 9 LED Touch Downlite



N570
Lumo 1 Led Down Lite Brushed Nickel (1.5W)



T507
Lumo 1 LED Ciara Eyeball Spot Lite (1w)



RANGE OF LED BULBS
For full details see the LED Bulbs section



C200 - Striplight
C220 - Spare Diffuser

Lumo 1
StripLight



C210 - Striplight
C230 - Spare Diffuser

Lumo 3
StripLight



C270

Labcraft Nordic
DL9K 8w Striplight



C650 - Awning Light
C651 - Eyelid Fixing Trim

Labcraft 21w 12v Opal Awning
Light Complete with Eyelid Trim



C632 - White
C634 - Silver Sand

Lumo Ellipse Light
with 1x8w Tube



C637 - White
C639 - Silver Sand

Lumo Ellipse Light
with 2x8w Tube



C624 - White
C626 - Silver Sand

Lumo Coronet Light
with 9wPL Tube



C616 - White
C617 - Satin
C618 - Silver Sand
C642 - Chrome

Lumo Crown Light
with 9wPL Tube

V724 - Spare Cover



C623 - Silver Sand
C643 - Chrome

Lumo Crown Light with
20w halogen Bulb

V724 - Spare Cover



C644

Lumo SIRRUS PL9 9w
Ceiling Light

(exclusive for Eddis)



C709

Frilight Cirro Ceiling
Light (Silver Sand)



N564 - 20 Led Crown Satin
N568 - 28 Led Coronet Chrome

Lumo LED Lights
(3.5W)



C601

Lumo Mini Spot
(White)



C602

Lumo Minispot
(Satin)



C603

Lumo Minispot
(Silver Sand)



T394

LED01 FlexSpot Mini
Brushed Nickel, Switched



C659 - No Switch
C702 - With Switch

Frlight Nova
Downlighter (Chrome)



C703

Frlight Nova Downlighter
(Silver Sand) with Switch



C706

Frlight Star Downlighter
(Chrome) with Switch



C707

Frlight Star Downlighter
(Silver Sand)



T264

Ring Brass Halogen Downlighter
10w G4 Directional Beam



C285 - Eyelight (Complete)
C284 - Spare Metal Back Cover

Ring "Zoe" Oval Eyelight
(Brushed Chrome)



C714

Targa Locker Light (White)
IQ57 Waterproof



C717

Square Cupboard
Light (White)



F507

Plastic Cover for Downlighters



D100 - Mk1 Awning Light
D110 - Mk1 Spare Diffuser
D101 - Britax Spare Switch

Britax Mk1 Round Awning Light with backing pad



D120 - Mk2 Awning Light
D130 - Mk2 Spare Diffuser
D101 - Britax Spare Switch

Britax Mk2 Rectangular Awning Light



C281

Ring Ultra Awning Light



T517

Lumo Working LED Light Display Stand



J100

Mains Awning Light



J101

Deluxe Awning Light with Switch and Cable



T417

Yourlite - Portable Bluetooth Speaker, Light and Mobile Powerbank

In colours : Black, Gold or Orange



T405

Touch On/Off Light



T414

Main Inspection Lamp



C500

Plug-in Nightlight



C420

W4 Bulb & Fuse Kit

YOURLITE

PORTABLE BLUETOOTH SPEAKER,
LIGHT AND MOBILE POWERBANK



PLAY MUSIC
WIRELESSLY
FROM YOUR
MOBILE DEVICE



UP TO 16 HOURS
AUDIO PLAYBACK



WIRELESSLY CONNECTS UP
TO 10 METRES DISTANCE



ILLUMINATION WITH
ADJUSTABLE BRIGHTNESS



POWERBANK CHARGES YOUR
MOBILE DEVICE ON-THE-GO



SPLASHPROOF DESIGN - TAKE
YOURLITE OUTDOORS

YOURLITE is a portable Bluetooth speaker that provides up to 16 hours of wireless audio playback on a single charge. The built in light with adjustable brightness creates a perfect ambience for every occasion, making **YOURLITE** an ideal companion for camping, outdoor entertaining and even children's playrooms.

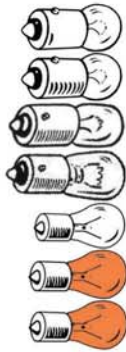
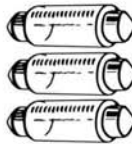
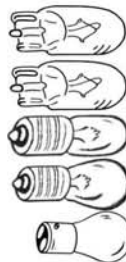
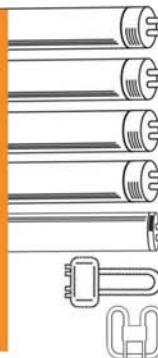
Effortlessly connect to your music source via Bluetooth or using the built-in 3.5mm (headphone) port. Charge your mobile device on-the-go using the built-in powerbank.

YOURLITE's splashproof design means that you can also take your music into the bathroom, kitchen or garden.

T417 - Yourlite - Portable Bluetooth Speaker Light and Mobile Powerbank.
in colours : Black, Orange, or Gold

Live life... Live leisure

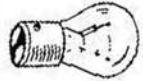
0115 973 6939
sales@crusaderproducts.co.uk

SINGLE
CONTACT BULBS**N120** - 12v 4w Single Contact Bulb with Ba9s Base**D300** - 12v 5w Single Contact Bulb with Ba15s Base**C340** - 12v 10w Single Contact Bulb with Ba15s Base**C350** - 12v 15w Single Contact Bulb with Ba15s Base**D480** - 12v 21w Single Contact Bulb with Ba15s Base**D481** - 12v 21w Amber Single Contact Bulb with Ba15s Base (Level Pins)**D482** - 12v 21w Amber Single Contact Bulb with Bau15s Base (Offset Pins)DOUBLE
CONTACT BULBS**D310** - 12v 5w Twin Contact Bulb with Ba15d Base**D320** - 12v 10w Twin Contact Bulb with Ba15d Base**D476** - 12v 21w Twin Contact Bulb with Ba15d Base**D470** - 12v 21w/5w Twin Contact Bulb with Ba15d BaseFESTOON
BULBS**D460** - 12v 5w Festoon Bulb with S8 Cap**D490** - 12v 10w Festoon Bulb with S8 Cap**D500** - 12v 18w Festoon Bulb with S8 CapGENERAL
12v BULBS**D474** - 12v 1.2w Capless Bulb with 5mm Wedge Base**D475** - 12v 5w Capless Bulb with 10mm Wedge Base**N123** - 12v 15w Bulb with E14 Screw Base (Small Edison)**N124** - 12v 25w Bulb with E14 Screw Base (Small Edison)**C330** - 12v 24w Table Lamp Bulb with B22d 22mm Bayonet Base12v
TUBES**C311** - 12v Fluorescent 4w Tube with G5 Caps**C312** - 12v Fluorescent 6w Tube with G5 Caps**C310** - 12v Fluorescent 8w Tube with G5 Caps**C320** - 12v Fluorescent 13w Tube with G5 Caps**C313** - 12v 4w UV Fluorescent Bug Killer Tube with G5 Caps**C314** - 12v 9w PL Tube with 4 Pin 2G7 Base**C315** - 12v 16w 2D Square Fluorescent Tube with Four Pin GR10 Base

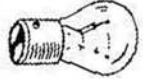
240v MAINS BULBS



V884 - 25w 240v Clear Bulb with Bi Pin G9 Base



C341 - 15w 240v Pygmy Bulb with Small Edison E14 Screw Base



C390 - 25w 240v Pygmy Bulb with Small Edison E14 Screw Base



C400 - 25w 240v Globe Bulb with Twin Contact B22d 22mm Bayonet Cap



C410 - 40w 240v Globe Bulb with Twin Contact B22d 22mm Bayonet Cap

HALOGEN BULBS



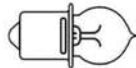
C364 - 12v 5w G4 Base Halogen Bulb



C365 - 12v 10w G4 Base Halogen Bulb



C366 - 12v 20w G4 Base Halogen Bulb



C371 - 12v 8.4w Krypton Bulb (Pre Focus 11.5mm X 30.5mm)



N531 - 12v 10W Halogen Bulb Single Contact Ba9s Base



N122 - 12v 10w Halogen Bulb Single Contact Ba15s Base



C372 - 12v 10w MR8 Dichroic Halogen Bulb G4



T255 - 12v 5w MR11 Dichroic Halogen Bulb G4 with 18° Lens



C367 - 12v 10w MR11 Dichroic Halogen Bulb G4 with 18° Lens



N530 - 12v 10w MR11 Dichroic Halogen Bulb G4 with 30° Lens



C368 - 12v 20w MR11 Dichroic Halogen Bulb G4 with 30° Lens



N528 - 12v 10w MR16 Dichroic Halogen Bulb G4 with 50° Lens



N529 - 12v 20w MR16 Dichroic Halogen Bulb G4 with 50° Lens

LED Bulbs
& Tubes

T294 - Capless Single LED 12v Bulb
Wedge Base (5w Equivalent)

T293 - Lumo Single LED 12v G4 Base
Bulb (1w)

T515 - Lumo 6 LED 12v Trans Ax G4
Base Bulb (1.3w)

N579 - Lumo 12 LED 12v Trans Ax G4
Base Bulb (20w Equivalent)

T292 - Lumo 12 LED 12v MR11 GU4
Base Bulb (0.75w) Warm White

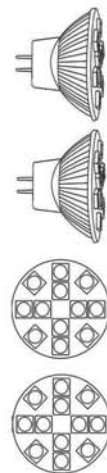
T514 - Lumo Single LED 12v MR11
Gu4 Base Bulb (1.1w)

T393 - Single LED MR16 GX 5.3
Base 12v Bulb (2w)

T392 - Lumo Single LED MR16 GX 5.3
Base 12v Bulb (3.1w)

T513 - Lumo 30 LED 12v
T5 12" Tube (3.6w)

SMD Bulbs



C380 - 12v 9 SMD Dichroic MR11
140 lumen 1.2W

C381 - 12v 12 SMD Dichroic MR16
210 lumen 2W

C382 - 12v 12 SMD G4 side pin
160 lumen 2.4W

C383 - 12v 10 SMD G4 back pin
150 lumen 2W

All wiring circuits require secure, fast and efficient electrical connection and the ability to avoid circuit damage by installing quality fuse protection. Crusader Products stock a huge variety of connectors for all types of cable and wire, or battery connection, as well as a wide range of fuses and fuse holders which are ideal for auto electrical use.

ELECTRICAL CONNECTORS & FUSES

- Pre-Insulated Crimp Terminals
- Crimp Connectors
- Battery Terminals & Covers
- Jump Leads & Croc Clips
- Fuses
- Fuse Holders
- Relays & Multiple Connections
- Protective Sleeving & Sheathing
- Cable Ties & Clips



Crusader Products stock a large range of tin-plated, copper crimp terminals, with PVC insulation and anti-vibrate inserts. All terminals conform to BS4579 and BS4G178 and are ideal where you need to make a fast and reliable electrical connection. Available in Retail Packs of 5, or Bulk Packs of 50 terminals. Other types and sizes quoted on request.

CRIMP TERMINAL TYPE

Minimum Order Quantity 10 x (Packs of 5)



MALE SPADE
TERMINALS - 6.3mm



FEMALE SPADE
TERMINALS - 6.3mm



FEMALE SPADE
TERMINALS - 6.3mm
(Fully insulated)



PIGGYBACK SPADE
TERMINALS - 6.3mm



MALE
BULLET
TERMINALS

4mm
5mm



FEMALE
BULLET
TERMINALS

4mm
5mm



FORK
TERMINALS

3.2mm M3
3.7mm M3.5
4.3mm M4
5.3mm M5
6.4mm M6



RING
TERMINALS

3.2mm M3
3.7mm M3.5
4.3mm M4
5.3mm M5
6.4mm M6
8.4mm M8
10.5mm M10



BUTT CONNECTOR
TERMINALS
3.3 to 5.5mm

Red Terminals

Blue Terminals

Yellow Terminals

Pack of 5

Pack of 50

Pack of 5

Pack of 50

Pack of 5

Pack of 50

K161

K162

K163

K164

K165

K166

K159

K160

← Red Female 2.8mm Spade Terminals
(Ideal for Tap Microswitch Connection)

K261

K262

K263

K264

K265

K266

Yellow Female 9.5mm Spade Terminals
(Ideal for Motormover Connection) →

N262

K361

K362

K363

K364

K365

K366

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K541

K542

K543

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3.3 x 23mm

3.3 x 23mm

4.0 x 25mm

4.0 x 25mm

5.5 x 27mm

5.5 x 27mm

TYPE OF CONNECTOR Minimum Order for each Connector is 10 x Retail Packs of 5 Connectors		RED TERMINALS			BLUE TERMINALS			YELLOW TERMINALS		
		For cable connectors between 0.5mm ² and 1.5mm ² (16/0.2 to 21/0.3)			For cable connectors between 1.5mm ² and 2.5mm ² (21/0.3 to 35/0.3)			For cable connectors between 3mm ² and 6mm ² (44/0.3 to 84/0.3)		
		Retail Pack of 5	Bulk Pack of 50	Bulk Pack of 1000	Retail Pack of 5	Bulk Pack of 50	Bulk Pack of 1000	Retail Pack of 5	Bulk Pack of 50	Bulk Pack of 1000
	PRE-INSULATED PIN TERMINALS	V456 12.0 x 1.9mm	V457 12.0 x 1.9mm	V458 12.0 x 1.9mm	V459 12.0 x 1.9mm	V460 12.0 x 1.9mm	V461 12.0 x 1.9mm	V462 14.0 x 2.9mm	V463 14.0 x 2.9mm	V464 14.0 x 2.9mm
	PRE-INSULATED BLADE TERMINALS	V465 18.4 x 2.3mm	V466 18.4 x 2.3mm	V467 18.4 x 2.3mm	V468 18.4 x 2.3mm	V469 18.4 x 2.3mm	V470 18.4 x 2.3mm	V471 10.0 x 2.8mm	V472 10.0 x 2.8mm	V473 10.0 x 2.8mm
	PRE-INSULATED HEAT SHRINK BUTT TERMINALS Adhesive Lined	V474	V475	V476	V477	V478	V479	V480	V481	V482
	SELF STRIPPING CONNECTORS	V483	V484	V485	V486	V487	V488	V489	V490	V491
	NON INSULATED FEMALE SPADE TERMINALS	V492	V493	V494	V495	V496	V497	V498	V499	V500
	BRASS BULLETS & CONNECTORS	V501	V502	V503	V504	V505	V506	V507	V508	V509
	CLOSED END CONNECTORS	V510	V511	V512	V513	V514	V515	V516	V517	V518
	12 WAY CONNECTOR STRIPS Polyethylene Max: 415v -15°C to +85°C	V519	V520	V521	V522	V523	V524	V525	V526	V527
		V528	V529	V530	V531	V532	V533			

CRIMPING TOOLS FOR CRIMP TERMINALS

LIGHT DUTY CRIMPING TOOL



Light Duty Crimping ToolV534

Light duty Crimping Tool for red, blue and yellow pre-insulated terminals. Also crimps non-insulated terminals from 0.75mm² to 6mm², strips wire 0.75mm² to 6mm², cuts bolts, and has an integral wire cutter.

RACHET CRIMPING TOOL



Ratchet Crimping ToolV535

Heavy duty Ratchet Crimping Tool for red, blue and yellow pre-insulated terminals. The tool has an adjustable tensioner, replaceable jaws, indents on the jaws which identify which jaw has been used, and ergonomically designed handles to reduce operator fatigue.

UNINSULATED TERMINAL CRIMPING TOOL



Uninsulated Terminal Crimping Tool.....V536

Ratchet Crimping Tool for un-insulated terminals 0.5mm² to 6.0mm². The tool has an adjustable tensioner, replaceable jaws, and ergonomically designed handles to reduce operator fatigue.

BATTERY TERMINALS

A collection of tin plated, brass battery terminals to fit standard size tapered battery posts, and a broad range of cable sizes from 10mm² to 109mm². The terminals are available with a wide variety of connection methods to ensure excellent electrical contact. Other types and sizes of terminal are available on request.

MACHINED TYPE BRASS BATTERY TERMINALS



Crusader Code	Post Size & Polarity	Cable Cross Section (mm)	Cable Entry Diameter (mm)	Pack Quantity
V271	One Negative - and One Positive +	10mm ² to 16mm ²	7.5	One Pair of Terminals
V272	One Negative - and One Positive +	16mm ² to 25mm ²	8.3	One Pair of Terminals
B297	One Negative - and One Positive +	25mm ² to 40mm ²	9.5	One Pair of Terminals

SCREW TYPE TINNED BATTERY TERMINALS



Crusader Code	Post Size & Polarity	Cable Cross Section (mm)	Cable Entry Diameter (mm)	Pack Quantity
V273	One Negative - and One Positive +	16mm ² to 25mm ²	8.7	One Pair of Terminals
V274	One Negative - and One Positive +	25mm ² to 40mm ²	9.5	One Pair of Terminals
B298	One Negative - and One Positive +	40mm ² to 60mm ²	11.1	One Pair of Terminals
B299	One Negative - and One Positive +	60mm ² to 70mm ²	14.3	One Pair of Terminals

HEXAGONAL NUT TYPE TINNED BATTERY TERMINALS



Crusader Code	Post Size & Polarity	Cable Cross Section (mm)	Cable Entry Diameter (mm)	Pack Quantity
V275	One Negative - and One Positive +	16mm ² to 25mm ²	8.3	One Pair of Terminals
V276	One Negative - and One Positive +	25mm ² to 40mm ²	9.2	One Pair of Terminals
V277	One Negative - and One Positive +	40mm ² to 60mm ²	10.9	One Pair of Terminals
V278	One Negative - and One Positive +	60mm ² to 70mm ²	14.1	One Pair of Terminals

SOLDER TYPE TINNED BATTERY TERMINALS



Crusader Code	Post Size & Polarity	Cable Cross Section (mm)	Cable Entry Diameter (mm)	Pack Quantity
V279	One Negative - and One Positive +	25mm ² to 40mm ²	9.5	One Pair of Terminals
V280	One Negative - and One Positive +	40mm ² to 60mm ²	11.1	One Pair of Terminals
V281	One Negative - and One Positive +	60mm ² to 70mm ²	12.7	One Pair of Terminals
V282	One Negative - and One Positive +	70mm ² to 109mm ²	15.9	One Pair of Terminals

UNIVERSAL CRIMP TYPE TINNED BATTERY TERMINALS



Crusader Code	Post Size & Polarity	Cable Cross Section (mm)	Cable Entry Diameter (mm)	Pack Quantity
V301	Universal	16mm ² to 25mm ²	7.0	10
V302	Universal	35mm ² to 50mm ²	11.0	10

STUD & NUT TYPE TINNED BATTERY TERMINALS



Crusader Code	Marked Polarity	Type of Terminal	Stud Size (mm)	Pack Quantity
V283	One Negative - and One Positive +	Stud & Wing Nut	10mm Stud	One Pair of Terminals
V284	One Negative - and One Positive +	Stud & Nut	8mm Stud	One Pair of Terminals
V285	One Negative - and One Positive +	Stud & Nut	10mm Stud	One Pair of Terminals

QUICK RELEASE TYPE INSULATED BATTERY TERMINALS



Crusader Code	Marked Polarity	Cable Cross Section (mm)	Cable Entry Diameter (mm)	Pack Quantity
E210	One Blue Negative - and One Red Positive +	16mm ² to 50mm ²	10.5	One Pair of Terminals

TERMINAL COVERS

							
PVC INSULATOR BOOT		NEOPRENE INSULATOR BOOT		PVC SIDE ENTRY BATTERY TERMINAL COVER		PVC REAR ENTRY BATTERY TERMINAL COVER	
Flexible PVC push on terminal covers to fit a wide range of copper tube terminals. The cable entry barrel diameter is approximately 12mm.		Flexible neoprene rubber push on terminal covers to fit a wide range of copper tube terminals. The cable entry barrel diameter is approximately 12mm.		Flexible PVC side entry battery terminal covers, designed to offer insulation for a range of battery terminals. The cable entry barrel diameter is approximately 14mm.		Flexible PVC rear entry battery terminal covers, designed to offer insulation for a range of battery terminals. The cable entry barrel diameter is approximately 16mm.	
V311B	Black PVC Boot	V312B	Black Neoprene Boot	V313B	Black -'ve Side Entry Cover	V314B	Black -'ve Rear Entry Cover
V311R	Red PVC Boot	V312R	Red Neoprene Boot	V313R	Red +'ve Side Entry Cover	V314R	Red +'ve Rear Entry Cover

CROCODILE CLIPS

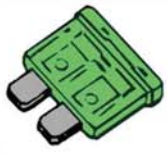
							
PLATED STEEL UN-INSULATED CROCODILE CLIPS		TUBE INSULATED PASSIVATED STEEL CROCODILE CLIPS		FULLY INSULATED PASSIVATED STEEL CROCODILE CLIPS		FULLY INSULATED ANGLED JAW BRASS CROCODILE CLIPS	
Packs of 2 plated steel, un-insulated crocodile clips, with a range of current ratings as below, and with nut & screw fixing for cable. Also available with polarity marking on request.		Flexible neoprene rubber push on terminal covers to fit a wide range of copper tube terminals. The cable entry barrel diameter is approximately 12mm.		Flexible PVC side entry battery terminal covers, designed to offer insulation for a range of battery terminals. The cable entry barrel diameter is approximately 14mm.		Flexible PVC rear entry battery terminal covers, designed to offer insulation for a range of battery terminals. The cable entry barrel diameter is approximately 16mm.	
B291	Pair of 5A Crocodile Clips	V318	Pair of 150A Croc Clips	V321	Pair of 150A Full/Ins Croc Clips	V324	Pair of 650A Full/Ins Angled Clips
B292	Pair of 25A Crocodile Clips	V319	Pair of 175A Croc Clips	V322	Pair of 175A Full/Ins Croc Clips	V325	Pair of 850A Full/Ins Angled Clips
B293	Pair of 50A Crocodile Clips	V320	Pair of 200A Croc Clips	V323	Pair of 200A Full/Ins Croc Clips	V326	Pair of 1000A Full/Ins Angled Clips

JUMP LEADS

									
STANDARD JUMP LEADS					HEAVY DUTY JUMP LEADS				
A range of high quality jump leads made using flexible, PVC coated multi strand copper cable fitted with fully insulated, heavy duty, strongly sprung, passivated steel crocodile clips. As an approximate guide, 16mm ² jump leads are suitable for use on petrol engines up to 2.5 litres (diesel 2 litres), 20mm ² up to 3.5 litres (diesel 2.5 litres), and 25mm ² to 5 litres (diesel 3.5 litres).					These superb quality, heavy duty jump leads are made using flexible, PVC coated multi strand copper cable fitted with fully insulated, heavy duty, strongly sprung, brass angled jaw crocodile clips. As an approximate guide, 35mm ² jump leads are suitable for use on engine sizes up to 7 litres, whilst the 50mm ² leads will tackle commercial and agricultural engine sizes in excess of this cubic capacity.				
Crusader Code	Description	Length	Continuous Current Rating	Peak Current Rating	Crusader Code	Description	Length	Continuous Current Rating	Peak Current Rating
V327	16mm ² Jump Leads	3m	110 Amp	300 Amp	V333	H/D 35mm ² Jump Leads	3m	240 Amp	600 Amp
V328	16mm ² Jump Leads	5m	110 Amp	300 Amp	V334	H/D 135mm ² Jump Leads	5m	240 Amp	600 Amp
V329	20mm ² Jump Leads	3m	135 Amp	350 Amp	V335	H/D 50mm ² Jump Leads	3m	345 Amp	900 Amp
V330	20mm ² Jump Leads	5m	135 Amp	350 Amp	V336	H/D 50mm ² Jump Leads	5m	345 Amp	900 Amp
V331	25mm ² Jump Leads	3m	170 Amp	450 Amp					
V332	25mm ² Jump Leads	5m	170 Amp	450 Amp					

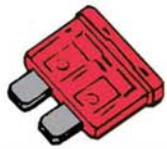
FUSES

MINI BLADE FUSES



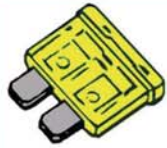
Fuse Rating & Colour	2 Amp Grey	3 Amp Violet	4 Amp Pink	5 Amp Tan	7.5 Amp Brown	10 Amp Red	15 Amp Blue	20 Amp Yellow	25 Amp Clear	30 Amp Green
Retail Pack of 5 (Min Order = 10 Packs)	F920	F922	F924	F926	F928	F930	F932	F934	F936	F938
Bulk pack of 50	F921	F923	F925	F927	F929	F931	F933	F935	F937	F939

STANDARD BLADE FUSES



Fuse Rating & Colour	1 Amp Black	2 Amp Grey	3 Amp Violet	4 Amp Pink	5 Amp Tan	7.5 Amp Brown	10 Amp Red	15 Amp Blue	20 Amp Yellow	25 Amp Clear	30 Amp Green	40 Amp Amber
Retail Pack of 5 (Min Order = 10 Packs)	F800	F801	F802	F824	F803	F804	F805	F806	F807	F808	F809	F810
Bulk pack of 50	F700	F701	F702	F724	F703	F704	F705	F706	F707	F708	F709	F710

MAXI BLADE FUSES



Fuse Rating & Colour	20 Amp Yellow	30 Amp Green	40 Amp Amber	50 Amp Red	60 Amp Blue	70 Amp Tan	80 Amp Clear	100 Amp Violet
Retail Pack of 5 (Min Order = 10 Packs)	F940	F942	F944	F946	F948	F950	F952	F954
Bulk pack of 50	F941	F943	F945	F947	F949	F951	F953	F955

CONTINENTAL FUSES



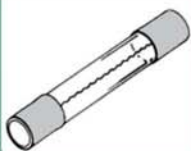
Fuse Rating & Colour	1 Amp Yellow	8 Amp White	16 Amp Red	25 Amp Blue
Retail Pack of 5 (Min Order = 10 Packs)	F814	F815	F816	F817
Bulk pack of 50	F714	F715	F716	F717

20mm GLASS FUSES



Fuse Rating & Colour	1 Amp	2 Amp	3 Amp	5 Amp	10 Amp
Retail Pack of 5 (Min Order = 10 Packs)	F819	F820	F821	F822	F823
Bulk pack of 50	F719	F720	F721	F722	F723

30mm GLASS FUSES



Fuse Rating & Colour	1 Amp	1.5 Amp	2 Amp	3 Amp	5 Amp	8 Amp	10 Amp	15 Amp	20 Amp	25 Amp	35 Amp	50 Amp
Retail Pack of 5 (Min Order = 10 Packs)	F829	F825	F826	F830	F831	F827	F832	F833	F834	F835	F828	F736
Bulk pack of 50	F729	F725	F726	F730	F731	F727	F732	F733	F734	F735	F728	F737

STRIP FUSES



Fuse Rating & Colour	30 Amp	40 Amp	50 Amp	60 Amp	80 Amp	100 Amp
Retail Pack of 5	F956	F958	F960	F962	F964	F966
Bulk pack of 50	F957	F959	F961	F963	F965	F967

MIDI FUSES



Fuse Rating & Colour	40 Amp Green	50 Amp Red	60 Amp Yellow	70 Amp Brown	80 Amp White	100 Amp Blue
Retail Pack of 5	F968	F970	F972	F974	F976	F978
Bulk pack of 50	F969	F971	F973	F975	F977	F979

MIXED BAGS OF POPULAR FUSES



F738
Mini Blade Fuses 2 each of 5, 10, 15 & 20A



F799
Standard Blade Fuses 2 each of 3, 5, 10, 15 & 20A



F740
Continental Fuses 2 each of 8, 16 & 25A



F739
Mains Fuses 2 each of 3, 5 & 13A

FEMALE PAL FUSES



20A Female PAL (Lt Blue).....	V360
30A Female PAL (Pink).....	V361
40A Female PAL (Green).....	V362
50A Female PAL (Red).....	V363
60A Female PAL (Yellow).....	V364
80A Female PAL (Black).....	V365
100A Female PAL (Blue).....	V366

A range of Female PAL Fuses, widely used in the automobile industry for their sturdy design and high temperature resistance. Element is visible through top of fuse. Packs of 5.

MALE PAL FUSES



30A Male PAL (Pink).....	V367
40A Male PAL (Green).....	V368
50A Male PAL (Red).....	V369
60A Male PAL (Yellow).....	V370
80A Male PAL (Black).....	V371
100A Male PAL (Blue).....	V372

A range of Male PAL Fuses, widely used in the automobile industry for their sturdy design and high temperature resistance. Element is visible through top of fuse. Packs of 5.

62mm SCREW FIT MALE PAL FUSES



30A S/F Male PAL (Pink).....	V373
40A S/F Male PAL (Green).....	V374
50A S/F Male PAL (Red).....	V375
60A S/F Male PAL (Yellow).....	V376
80A S/F Male PAL (Black).....	V377
100A S/F Male PAL (Blue).....	V378

A range of screw fit/bolt down Male PAL Fuses, with fixed centres at 62mm, widely used in the automobile industry for their sturdy design and high temperature resistance. Element is visible through top of fuse. Packs of 5.

IN LINE BLADE FUSE HOLDERS



Mini Blade Holder (30A).....	V384
Std Blade Holder (30A).....	V385
Maxi Blade Holder (80A).....	V386

A range of in line blade fuse holders with splashproof weather covers. The Mini and Std holders come with 1.5mm² cable, and the maxi holder with 3mm² cable. Packs of 10.

SINGLE SIDE ENTRY BLADE FUSE HOLDER



Blade Fuse Holder.....	V380
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A single, side entry standard blade fuse holder, with 6.3mm spade terminals. Packs of 10.

SINGLE CLIP ON BLADE FUSE HOLDER



Clip Blade Fuse Holder.....	V381
Bracket for Holder.....	V382

A single, bottom entry standard blade fuse holder, with 6.3mm spade terminals, which can be clipped to a mounting bracket or other similar holders to form blocks. Packs of 10.

SELF STRIPPING BLADE FUSE HOLDER



S/S Blade Holder (20A).....	V383
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The 20A max rating means these self stripping blade fuse holders are ideal for many automotive applications, such as radio installation. Suitable for cable from 1mm² to 2.5mm². Packs of 10.

BLADE FUSE EXTRACTOR



Blade Fuse Extractor.....	V379
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This simple tool makes blade fuse extraction much easier. Packs of 10.

BOTTOM ENTRY BLADE FUSE BOX



4 Way Blade Fuse Box.....	V387
6 Way Blade Fuse Box.....	V388

A range of nylon, 6.3mm male blade terminal, bottom entry fuse boxes, with transparent cover and terminal securing bar.

SIDE ENTRY BLADE FUSE BOX



4 Way Blade Fuse Box.....	V389
6 Way Blade Fuse Box.....	V390
8 Way Blade Fuse Box.....	V391

A range of nylon, 6.3mm male blade terminal, side entry fuse boxes, with transparent cover and sealing gasket.

CONTINENTAL FUSE HOLDER



Continental Fuse Holder.....	V392
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A single continental fuse holder with screw down cable connections at both ends. Packs of 10.

CONTINENTAL FUSE BOX



4 Way Continental Box.....	V393
6 Way Continental Box.....	V394
8 Way Continental Box.....	V395

A range of continental fuse boxes with screw terminal cable fixing, and a single screw down, transparent cover. Can be panel or bulkhead mounted.

IN LINE GLASS FUSE HOLDER



30mm In Line Holder.....	V396
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A bayonet action, in-line auto type fuseholder with moulded body, suitable for 30mm glass fuses, and fitted with 14/0.3 cable with a rating of 8 Amps.

STRIP FUSE HOLDER



Strip Fuse Holder.....	V397
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The holder accepts single strip fuses, and comes with snap shut lid and end mounting lugs. Cable connection is via 5mm rings on the end studs. Maximum cable size is 16mm².

MIDI FUSE HOLDER



Midi Fuse Holder.....	V398
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The holder accepts single midi fuses, and comes with snap shut lid and end mounting lugs. Cable connection is via 5mm rings on the end studs. Maximum cable size is 16mm².

MEGA FUSE BOX



Mega Fuse Holder.....	V399
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The holder accepts single mega fuses, and comes with snap shut lid and end mounting lugs. Cable connection is via 8mm rings on the end studs. Designed for a cable range of 25 to 35mm².

TERMINAL COVERS



A range of male and female nylon multiple connectors, using standard 6.3mm spade terminals for securely joining cables from 1.0mm² to 2.5mm².

V344	1 way Nylon Connector (Male)
V345	1 way Nylon Connector (Female)
V346	2 way Nylon Connector (Male)
V347	2 way Nylon Connector (Female)
V348	3 way Nylon Connector (Male)
V349	3 way Nylon Connector (Female)
V350	4 way Nylon Connector (Male)
V351	4 way Nylon Connector (Female)

SUPERSEAL CONNECTORS



A top quality range of IP67 waterproof, male and female superseal connectors, for securely joining cables with cross sections from 0.5mm² to 1.5mm². The connectors come complete with terminals and seals. (5 and 6 way connectors also available).

V352	1 way Superseal Connector (Male)
V353	1 way Superseal Connector (Female)
V354	2 way Superseal Connector (Male)
V355	2 way Superseal Connector (Female)
V356	3 way Superseal Connector (Male)
V357	3 way Superseal Connector (Female)
V358	4 way Superseal Connector (Male)
V359	4 way Superseal Connector (Female)

RELAYS



Standard 1" square cube Mini ISO Relays are used extensively in the automobile industry as remote control electrical switches, allowing a small current flow circuit to control a higher current power circuit. Occasionally, diodes or resistors may be incorporated in the relay to avoid voltage spikes which can damage solid state devices. Crusader Products stock a wide range of Normally Open and Changeover Relays, with 6.3mm blade terminals, and the most popular formats are listed below. Other types are available on request.

Crusader Code	Voltage	Current Rating	Pin Layout	Internal Circuit	Relay Description
V337	12v	30A			A 4 Pin Normally Open 12v 30A Mini ISO Relay with detachable bracket.
V338	12v	30A			A 5 Pin Changeover 12v 30A Mini ISO Relay with detachable bracket.
V339	12v	40A			A 5 Pin Changeover 12v 40A Mini ISO Relay with moulded integral bracket
V340	12v	40A			A 5 Pin Changeover 12v 40A Mini ISO Relay with detachable bracket, and a diode fitted across the coil for voltage spike suppression.
V341	12v	40A			A 5 Pin Changeover 12v 40A Mini ISO Relay with no bracket, and a resistor fitted across the coil for voltage spike suppression.
V342	24v	20/30A			A 5 Pin Changeover 24v 20/30A Mini ISO Relay with detachable bracket
V343	Relay Holder				A standard relay holder with mounting hole and grooved sides which enable multiple holders to be connected together, or matching blade fuse holders to be added. Accepts up to 5 x 6.3mm or 4 x 2.8mm female spade connectors.

PROTECTIVE SLEEVING



NYLON CONVOLUTED TUBING

for HARNESS and WIRE PROTECTION

Crusader Code Without SLIT	Crusader Code With SLIT	Internal Diameter (mm)	External Diameter (mm)	Coil Length (m)
V147	V155	6.8	9.9	50m
V148	V156	8.5	12.9	50m
V149	V157	9.9	13.0	50m
V150	V158	12.7	15.8	50m
V151	V159	17.0	21.0	50m
V152	V160	21.3	25.4	50m
V153	V161	23.2	28.3	50m
V154	V162	29.0	34.5	25m

A range of flexible convoluted tubing conduits, manufactured from black, heat stabilised, nylon polyamide 6, which provides excellent resistance to abrasion, auto fluids and fuels, and has a wide working temperature range from -40°C to +140°C. The tubing is also UV steady, flame retardant, and halogen/cadmium free, and is supplied in standard coils as listed, with or without a continuous slit along its length, for ease of cable insertion. Other coil lengths available on request.



POLYPROPYLENE CONVOLUTED TUBING

for HARNESS and WIRE PROTECTION

Crusader Code Without SLIT	Crusader Code With SLIT	Internal Diameter (mm)	External Diameter (mm)	Coil Length (m)
V163	V171	6.8	9.9	50m
V164	V172	8.5	12.9	50m
V165	V173	9.9	13.0	50m
V166	V174	12.7	15.8	50m
V167	V175	17.0	21.0	50m
V168	V176	21.3	25.4	50m
V169	V177	23.2	28.3	50m
V170	V178	29.0	34.5	25m

A range of flexible convoluted tubing conduits, manufactured from black, modified polypropylene, possessing high thermostability, and excellent cold impact strength and chemical stability. The tubing is also UV steady, flame retardant, and cadmium free, and has a wide working temperature range from -40°C to +130°C. It is supplied in standard coils as listed, with or without a continuous slit along its length, for ease of cable insertion. Other coil lengths available on request.



2:1 HEAT SHRINK SLEEVING

for HARNESS and WIRE PROTECTION

Crusader Code (Use colour suffix)	Pre Shrink I/D as Supplied (mm)	Shrunk I/D after Heating (mm)	Wall Thickness after Heating (mm)	Pack Quantity (m)
V179 (B or R)	2.4	1.2	0.50	5m
V180 (B or R)	3.2	1.6	0.50	5m
V181 (B or R)	4.8	2.4	0.50	5m
V182 (B or R)	6.4	3.2	0.65	5m
V183 (B or R)	9.5	4.8	0.65	5m
V184 (B or R)	12.7	6.4	0.65	5m
V185 (B or R)	19.0	9.5	0.75	5m
V186 (B or R)	25.4	12.7	0.90	5m
V187 (B or R)	38.0	19.0	1.00	5m
V188 (B or R)	51.0	25.4	1.15	5m

General purpose, flame retarded, 2:1 ratio, polyolefin heat shrink sleeving, available in a wide range of sizes. With its excellent chemical and solvent resistance, wide working temperature range of -40°C to +135°C, and offering high abrasive and electrical protection, it is suitable for a wide range of applications, including electrical insulation, strain relief, cable bundling, colour coding, and identification of wires, cables, pipes and components. Shrink temperature is approximately 100°C. Available as standard in 5 metre lengths of Black (B) or Red (R) sleeving, but other colours and bulk lengths are available on request.



3:1 ADHESIVE LINED HEAT SHRINK SLEEVING

for HARNESS and WIRE PROTECTION

Crusader Code Without Slit	Pre Shrink I/D as Supplied (mm)	Shrunk I/D after Heating (mm)	Wall Thickness after Heating (mm)	Pack Quantity (m)
V189	3.0	1.0	1.00	1.22m
V190	6.0	2.0	1.00	1.22m
V191	9.0	3.0	1.40	1.22m
V192	12.0	4.0	1.75	1.22m
V193	19.0	6.0	2.25	1.22m
V194	24.0	8.0	2.50	1.22m
V195	40.0	13.0	2.50	1.22m

A semi-flexible, 3:1 ratio, black polyolefin heat shrink sleeving with meltable adhesive inner lining, designed to provide moisture proof sealing to a wide range of substrates, such as electrical wire splices, cable jackets, harness breakouts and electrical components. Available as standard in 1.22 metre sticks of black sleeving, but bulk lengths are available on request. The working temperature range is -55°C to +110°C --and the shrink temperature is approximately 100°C.

PROTECTIVE SHEATHING

128

ELECTRICAL CONNECTORS & FUSES - Protective Sheathing



An essential range of lead free, flexible black PVC tubular sleeving, ideal for the protection of wires and harnesses, or for bundling cables together. The PVC sleeving offers excellent chemical resistance to oil, petrol and water, high electrical insulation resistance, and has a wide working temperature range, from -25°C to +105°C.

PVC SLEEVING

for HARNESS and WIRE PROTECTION

Crusader Code	Internal Diameter (mm)	Wall Thickness (mm)	Coil Length (m)
V210	4.0	0.5	100m
V211	5.0	0.5	100m
V212	6.0	0.5	100m
V213	8.0	0.5	100m
V214	10.0	0.5	100m
V215	12.0	0.5	100m
V216	14.0	0.5	100m
V217	16.0	0.5	100m
V218	20.0	1.0	50m
V219	25.0	1.0	50m



This low density, halogen free, black polythene spiral binding offers a simple and fast method of bundling, binding and protecting cable looms, whilst at the same time allowing wires to be brought from the harness. It has an operating temperature range from -50°C to +85°C

POLYTHENE SPIRAL BINDING

for HARNESS and WIRE PROTECTION

Crusader Code	Nominal Size (mm)	Capacity (mm)	Internal Diameter (mm)	Coil Length (m)
V220	3.0	1.5 - 7.0	1.5	25m
V221	6.0	5.0 - 20.0	4.0	25m
V222	12.0	10.0 - 40.0	9.0	25m
V223	22.0	25.0 - 100.0	19.0	25m



A flame retardant, non adhesive, black PVC harness tape which is ideal for wrapping harnesses and wiring looms to protect them against abrasion, and offer extra insulation. The tape is 0.13mm thick, and has a working temperature range from 0°C to +90°C.

PVC NON-ADHESIVE HARNESS TAPE - Sold in packs of 10

Crusader Code	Tape Width (mm)	Colour	Roll Length (m)
V224	19	Black	20m
V225	25	Black	20m



A high quality, water and UV resistant, self-amalgamating resin tape, which is ideal for permanently waterproofing electrical cables and cable joints. Can also be used for fast, temporary repairs to hoses and water pipes. The tape is 0.5mm thick, and has a working temperature range from -30°C to +100°C.

SELF AMALGAMATING TAPE - Sold in packs of 10

Crusader Code	Tape Width (mm)	Colour	Roll Length (m)
V226	19	Black	10m



A range of strong, flame retardant PVC self adhesive tapes suitable for general electrical insulation work, certified to BS3924. Its low cost makes this tape ideal also for bundling cables, tagging and colour coding as well as offering protection against abrasion. The tape has a working temperature range from 0°C to +70°C.

PVC ADHESIVE INSULATING TAPE - Sold in packs of 10

Crusader Code (use Suffix)	Normal Size (mm)	Colours Available	Roll Length (m)
V228	19mm wide x 0.15mm thick	Black(B), Red(R), Blue(U), Green(G), Yellow(Y), White(W), Brown(N), Grey(S) and Earth(E)	20m

CABLE TIES



BLACK CABLE TIES

Cable Tie Description	Size (mm)	Size (ins)	Tensile Strength (kg)	Max Holding Diameter (mm)	Retail Code Pack of 10	Bulk Code Pack of 100
Black Cable Tie (100mm x 2.5mm)	100 x 2.5	4 x 3/32	8.0	19.9	F839	F890
Black Cable Tie (140mm x 3.6mm)	140 x 3.6	5 x 1/8	18.1	29.9	F840	F891
Black Cable Tie (160mm x 4.8mm)	160 x 4.8	6 x 3/16	22.1	35.9	F878	F879
Black Cable Tie (200mm x 2.5mm)	200 x 2.5	8 x 3/32	8.0	49.9	F880	F881
Black Cable Tie (200mm x 3.6mm)	200 x 3.6	8 x 1/8	18.1	49.9	F882	F883
Black Cable Tie (200mm x 4.8mm)	200 x 4.8	8 x 3/16	22.1	49.9	F841	F892
Black Cable Tie (250mm x 4.8mm)	250 x 4.8	10 x 3/16	22.1	69.9	F884	F885
Black Cable Tie (250mm x 7.6mm)	250 x 7.6	10 x 5/16	54.5	69.9	F842	F893
Black Cable Tie (300mm x 4.8mm)	300 x 4.8	12 x 3/16	22.1	76.7	F844	F895
Black Cable Tie (300mm x 7.6mm)	300 x 7.6	12 x 5/16	54.5	76.7	F843	F894
Black Cable Tie (370mm x 7.6mm)	370 x 7.6	14 x 5/16	54.5	99.9	F845	F896
Black Cable Tie (430mm x 4.8mm)	430 x 4.8	17 x 3/16	22.1	108.9	F846	F897
Black Cable Tie (550mm x 9.0mm)	550 x 9.0	22 x 3/8	68.5	139.0	F847	F898
Black Cable Tie (580mm x 12.7mm)	580 x 12.7	23 x 1/2	112.9	162.1	F848	F899

SILVER WHEEL TRIM CABLE TIES

Silver Cable Tie (300mm x 4.8mm)	300 x 4.8	12 x 3/16	22.1	76.7	F886	F887
Silver Cable Tie (370mm x 4.8mm)	370 x 4.8	14 x 3/16	22.1	99.9	F888	F889

A popular size range of non-releasable nylon cable ties, approved to UL94V2, with excellent tensile strength, resistance to flammability and chemicals, and a wide working temperature range from -40° to +85°. The ties can be tightened by hand or by a tie tensioning tool, and a range of other cable tie sizes and colours are available on request.

CABLE TIE ADHESIVE BASE



19mm x 19mm 4 Way Base (Pk 100).....V100
25mm x 25mm 4 Way Base (Pk 100).....V101

A range of black, 4 way, self adhesive cable tie bases, for securing cable ties quickly and easily. The small base accepts ties up to 3.6mm width, and the medium base up to 4.8mm width. White bases available on request.

CABLE TIE SCREW ON BASE



Small Cradle Base to 4.8mm (Pk 100).....V102
Large Cradle Base to 9mm (Pk 100).....V103
XL Cradle Base to 12.7mm (Pk 100).....V104
Eyelet Mount Base to 4.8mm (Pk 100).....V105

A range of black, screw on, strong nylon cable tie bases, for the secure fixing of a range of sizes of cable ties. Available as a cradle or eyelet mount. White bases available on request.

CABLE TIE TENSIONERS



Tensioner & Cutter (2.5 to 4.8mm)V106

Steel mechanism, tie tensioner tools for the tensioning and cutting of nylon cable ties up to 4.8mm in width. Ideal for the accurate tightening of multiple ties in cable looms and panels.

CABLE CLIPS



ALUMINIUM SELF ADHESIVE CLIPS

Two sizes of self adhesive, aluminium cable clips, for the quick and easy securing of flat or round cables up to 9mm in diameter.

Up to 6mm Cables (Pk 100).....V108
Up to 9mm Cables (Pk 100).....V109



NYLON SELF ADHESIVE CLIPS

A range of durable nylon, self adhesive cable clips, for mounting flat or round cables up to 14mm in diameter.

For 5mm Diameter Cables (Pk 100)..... V110
For 8mm Diameter Cables (Pk 100)..... V111
For 14mm Diameter Cables (Pk 100).... V112



COATED STEEL SELF ADHESIVE CLIPS

A range of strong coated steel, self adhesive cable clips, for securing flat or round cables up to 14mm in diameter. The deformable tongue allows a variety of cable sizes for each clip.

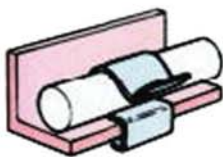
20mm x 30mm for 6mm (Pk 100)..... V113
25mm x 36mm for 8mm (Pk 100)..... V114
31mm x 44mm for 12mm (Pk 100)..... V115
38mm x 54mm for 14mm (Pk 100)..... V116



RUBBER LINED STEEL P CLIPS

A range of rubber lined, zinc plated steel fixed P cable clips, with mounting hole, for securing cable diameters or conduit up to 35mm. The rubber coating helps eliminate vibration and cable wear.

5mm Rubber Lined Clip (Pk 50).....V123
6mm Rubber Lined Clip (Pk 50)..... V124
8mm Rubber Lined Clip (Pk 50).....V125
10mm Rubber Lined Clip (Pk 50).....V126
13mm Rubber Lined Clip (Pk 50).....V127
16mm Rubber Lined Clip (Pk 50).....V128
21mm Rubber Lined Clip (Pk 50).....V129
25mm Rubber Lined Clip (Pk 50).....V130
29mm Rubber Lined Clip (Pk 50)..... V131
35mm Rubber Lined Clip (Pk 50).....V132



SPRUNG STEEL CHASSIS CLIPS

These ingenious sprung steel chassis clips allow a range of cable sizes to be securely clipped onto a thin (2mm-4mm) or thick (4mm-7mm) steel edge.

For Thin Steel & 6-7mm Cable (Pk 25) V133
For Thin Steel & 7-9mm Cable (Pk 25) V134
For Thin Steel & 10-11mm Cable (Pk 25) V135
For Thin Steel & 12-14mm Cable (Pk 25) V136
For Thick Steel & 6-7mm Cable (Pk 25) V137
For Thick Steel & 7-9mm Cable (Pk 25) V138
For Thick Steel & 10-11mm Cable (Pk 25)..... V139
For Thick Steel & 12-14mm Cable (Pk 25) V140
For Multigauge Steel & Flat Cable (Pk 25).... V141



NAIL IN CABLE CLIPS

A range of the most popular nylon, nail-in cable clips for both round and flat cable profiles, complete with strong hardened steel pins, suitable for fixing to wood, masonry and PVC. Suitable eye protection should be worn during installation.

6mm Round Cable Clips (Pk 100).....V142
8mm Round Cable Clips (Pk 100).....V143
10mm Round Cable Clips (Pk 100).....V144
1.5mm² Flat T & E Cable Clips (Pk 100)....V145
2.5mm² Flat T & E Cable Clips (Pk 100)....V146

Crusader Products stock a vast range of cable types, sizes and colours to ensure our customers get the quality cable they require, at a competitive price, and with the exact specification and format they prescribe. This section contains only a selection of the cables we are able to offer ex-stock, so please contact our sales department with your requirements.

ELECTRICAL CABLE

- Popular Cables
- 7 Pin & 13 Pin Connections
- PVC Auto Cable
- Battery Cable
- Speaker, Coaxial & Alarm Cable
- Power Cable
- Cable Tools



RoHS and WEEE

All of our cable products are RoHS compliant, containing none, or less than the permitted levels of lead, mercury, cadmium and chromium. Alongside this, to help reduce the amount of waste going to landfill, we have implemented all aspects of the Waste Electrical and Electronic Equipment (WEEE) Directive (2002/96/EC)



MAINS and COAXIAL CABLE

4.0mm²
Green/Yellow Mains
Earth Wire



6491X4.0GY/30 - (30 mtrs)

6.0mm²
Green/Yellow Mains
Earth Wire



6491X6.0GY/30 - (30 mtrs)

1.5mm² White Mains
Cable



3183Y1.5W/30 - 3x1.5mm² (30mtrs)

3183Y1.5W/50 - 3x1.5mm² (50mtrs)

3183Y1.5W/100 - 3x1.5mm² (100mtrs)

2.5mm² Orange Mains
Cable



3183Y2.5O/30 - 3x2.5mm² (30mtrs)

3183Y2.5O/50 - 3x2.5mm² (50mtrs)

3183Y2.5O/100 - 3x2.5mm² (100m)

2.5mm² White Mains
Cable



3183Y2.5W/30 - 3x2.5mm² (30mtrs)

3183Y2.5W/50 - 3x2.5mm² (50mtrs)

3183Y2.5W/100 - 3x2.5mm² (100mtrs)

ALARM and COAXIAL CABLE

4 Core Alarm
Cable (White)



AL4/50 - R,Y,U,B (50 metres)

AL4/100 - R,Y,U,B (100 metres)

RG6 75 Ohm Coaxial
Cable (White)



COAX/RG6/W/30 - 30m Roll

COAX/RG6/W/50 - 50m Roll

COAX/RG6/W/100 - 100m Roll









RG59 75 Ohm Coaxial
Satellite Cable (Black)



COAX/RG59/B/30 - 30m Roll

COAX/RG59/B/50 - 50m Roll

COAX/RG59/B/100 - 100m Roll

<p>14/0.3 Single Core Cable *Full range of colours available</p>		<p>SE114/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE114/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>
<p>28/0.3 Single Core Cable *Full range of colours available</p>		<p>SE128/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE128/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>
<p>35/0.3 Single Core PVC Auto *Full range of colours available</p>		<p>SE135/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE135/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>
<p>44/0.3 Single Core PVC Auto *Full range of colours available</p>		<p>SE144/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE144/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>
<p>65/0.3 Single Core PVC Auto *Full range of colours available</p>		<p>SE165/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE165/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>
<p>84/0.30 Single Core PVC Auto *Full range of colours available</p>		<p>SE184/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE184/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>
<p>97/0.30 Single Core Auto *Full range of colours available</p>		<p>SE197/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE197/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>
<p>120/0.30 Single Core *Full range of colours available</p>		<p>SE1120/B/30 (/50 /100) (In 30, 50 or 100 Metres) in Black</p>	<p>SE1120/R/30 (/50 /100) (In 30, 50 or 100 Metres) in Red</p>



SINGLE CORE
MINI CABLE REELS

E211 - 14/0.3 White 6 mtr

E212 - 14/0.3 Green 6 mtr

E213 - 28/0.3 White 4 mtr

E214 - 28/0.3 Green 4 mtr

FLAT TWIN & MULTICORE PVC AUTO CABLES

2 Core Auto Twin Flat
14/0.3

SE214/BRB/30 - 30 mtr (Black/Red/Black)

SE214/BRB/50 - 50 mtr (Black/Red/Black)

SE214/BRB/100 - 100 mtr (Black/Red/Black)

2 Core Auto Twin Flat
28/0.3

SE228/BRB/30 - 30 mtr (Black/Red/Black)

SE228/BRB/50 - 50 mtr (Black/Red/Black)

SE228/BRB/100 - 100 mtr (Black/Red/Black)

2 Core Auto Twin Flat
35/0.3

SE235/BRB/30 - 30 mtr (Black/Red/Black)

SE235/BRB/50 - 50 mtr (Black/Red/Black)

SE235/BRB/100 - 100 mtr (Black/Red/Black)

Flat Twin Auto
2X44/0.30

SE244/BRB/30 - 30 mtr (Black/Red/Black)

SE244/BRB/50 - 50 mtr (Black/Red/Black)

SE244/BRB/100 - 100 mtr (Black/Red/Black)

5 Core
Grey Cable

SE502S/30 - 30 mtr (4 x 35/0.3 + 1 x 21/0.3 S(BRGW-Y))

SE502S/50 - 50 mtr (4 x 35/0.3 + 1 x 21/0.3 S(BRGW-Y))

SE502S/100 - 100 mtr (4 x 35/0.3 + 1 x 21/0.3 S(BRGW-Y))

7 Core
Black Cable 7x9/0.3

SE709/30 - 30mtr (B(BRGYNU-W))

SE709/50 - 50mtr (B(BRGYNU-W))

SE709/100 - 100mtr (B(BRGYNU-W))

7 Core
Black Cable 6x14/0.3

SE701N/30 - 30 mtr (+1x28/0.3 B(BRGYNU-W))

SE701N/50 - 50 mtr (+1x28/0.3 B(BRGYNU-W))

SE701N/100 - 100 mtr (+1x28/0.3 B(BRGYNU-W))

12S Seven Core
Grey Cable

SE702S/30 - 30 mtr (6x21/0.3 + 1x35/0.3 S(BRGYNU-W))

SE702S/50 - 50 mtr (6x21/0.3 + 1x35/0.3 S(BRGYNU-W))

SE702S/100 - 100 mtr (6x21/0.3 + 1x35/0.3 S(BRGYNU-W))

13 Core
Black Cable

SE1300/30 - 30 mtr (8x21/0.3 + 5x35/0.3)

SE1300/50 - 30 mtr (8x21/0.3 + 5x35/0.3)



12N 7 Pin Socket Connections

- E100 - 12N Plastic Plug
- E120 - 12N Plastic Socket
- E121 - 12N Socket (Fog Cut-Out)
- E105 - 12N Metal Plug
- E135 - 12N Metal Socket
- E266 - 12N Coupling Socket
- D520 - Deluxe 12N Wiring Kit
- E140 - 12N Socket and Plate
- E164 - 12N Extension (6 Metres)

7 Pin Plastic Plugs and Sockets for connecting Running Lights



12S 7 Pin Socket Connections

- E110 - 12S Plastic Plug
- E130 - 12S Plastic Socket
- E264 - 12S Coupling Socket
- D525 - Deluxe 12S Wiring Kit
- E150 - 12S Socket and Plate
- E159 - 12S Extension (6 Metres)

7 Pin Plastic Plugs and Sockets for connecting Supplementary Power Feeds



13 Pin Socket Connections

- E166 - 13 Pin Socket to twin 7 Pin Plug Adaptor Lead
- E161 - 13 Pin Socket to twin 7 Pin Plug Adaptor Lead
- E169 - 13 Pin Socket to 7 Pin Plug Adaptor
- E168 - 13 Pin Plug to 7 Pin Socket Adaptor
- E162 - 13 Pin Plug
- E165 - 13 Pin Socket
- T279 - 13 Pin Plate Socket
- N561 - Pre-Wired 13 Pin Socket
- N562 - 13 Pin Extension Lead (2 Metres)

This 13 Pin 12v system is used widely on the continent instead of twin 12N and 12S connection.



CRUSADER CABLES & CABLE CODES

The following pages give a broader view of the vast range of cables which Crusader Products are able to supply, which are used not only in Caravan and Motorhome manufacturing, but also in the Marine and Automotive fields. Indeed, whatever your cable requirements, whether a high quality digital satellite cable, or a 4 core alarm cable, or a heavy duty flexible battery cable, we feel sure we can fulfil your needs.

Because of the large selection of cable types, PVC sheathing colours and roll lengths available, our sales team will be only too glad to help with cable selection and ordering, to ensure that you receive the exact product you require. As a general guide however, to order cable from the following tables, you simply need to take the generic Crusader Cable code in the first column, then add an outer PVC sheath colour required, then finally a roll length in metres.

For example, if you require a **100** metre roll of Single Core 97/0.30 Standard PVC Auto Cable (**SE197**), and you want the outer PVC sheath to be Red (**RED**), you would need to order: **1 Roll of SE197/RED/100**

SINGLE CORE PVC AUTO



Crusader Code	Conductor Stranding (No. of Wires/ Diameter mm)	Nominal Conductor Area (mm ²)	Reel Sizes Available						Maximum Overall Cable Diameter (mm)	Conductor Resistance at 20°C (Ω per Km)	Conductor Nominal Current Rating (Amps)
			Bulk	500m	250m	100m	50m	30m			
SE109	9/0.30	0.65	■	■	■	■	■	■	2.5	29.40	5.75
SE114	14/0.30	1.0	■	■	■	■	■	■	2.7	18.90	8.75
SE121	21/0.30	1.5	■	■	■	■	■	■	3.1	12.50	12.75
SE128	28/0.30	2.0	■	■	■	■	■	■	3.4	9.40	17.50
SE135	35/0.30	2.5	■	■	■	■	■	■	3.8	7.50	21.75
SE144	44/0.30	3.0	■	■	■	■	■	■	4.2	6.00	27.50
SE156	56/0.30	4.0	■	■	■	■	■	■	4.5	4.70	32.00
SE165	65/0.30	4.5	■	■	■	■	■	■	5.1	4.10	35.00
SE184	84/0.30	6.0	■		■	■	■	■	5.9	3.10	42.00
SE197	97/0.30	7.0	■			■	■	■	6.2	2.70	50.00
SE1120	120/0.30	8.5	■			■	■	■	7.0	2.20	60.00
SE180	80/0.40	10.0	■			■	■	■	7.5	1.80	70.00

- Individual conductors manufactured in compliance with BS EN60228:2005 and ISO 6722:2006 (Class B)
 - Cable manufactured in accordance with BS 6862 Part 1:1971 where applicable
- Working temperature -15°C to +70°C • Maximum Voltage 60v - Suitable for most 12v and 24v Systems
 - PVC Insulation resistant to petrol/diesel, oil and diluted acids
 - Plain copper stranded conductors - PVC sheathed
- Available in a wide range of plain and striped outer PVC sheathed colours - please speak to our Sales Dept

TWO CORE (FLAT) PVC AUTO



Crusader Code	Conductor Stranding (No. of Wires/ Diameter mm)	Nominal Conductor Area (mm ²)	Reel Sizes Available						Maximum Overall Cable Diameter (mm)	Conductor Resistance at 20°C (Ω per Km)	Conductor Nominal Current Rating (Amps)
			Bulk	500m	250m	100m	50m	30m			
SE209	2 x 9/0.3	2 x 0.65	■	■	■	■	■	■	6.1 x 3.8	29.4	5.75
SE214	2 x 14/0.3	2 x 1.0	■	■	■	■	■	■	6.5 x 4.0	18.9	8.75
SE221	2 x 21/0.3	2 x 1.5	■	■	■	■	■	■	7.3 x 4.5	12.6	12.75
SE228	2 x 28/0.3	2 x 2.0	■	■	■	■	■	■	7.9 x 4.8	9.4	17.50
SE235	2 x 35/0.3	2 x 2.5	■	■	■	■	■	■	9.1 x 5.6	7.5	21.75
SE244	2 x 44/0.3	2 x 3.0	■	■	■	■	■	■	9.5 x 5.8	6.0	27.50
SE256	2 x 56/0.3	2 x 4.0	■	■	■	■	■	■	10.4 x 6.3	4.7	32.00
SE265	2 x 65/0.3	2 x 4.5	■	■	■	■	■	■	11.5 x 7.3	4.1	35.00

- Individual conductors manufactured in compliance with BS EN60228:2005 and ISO 6722:2006 (Class B)
 - Cable manufactured in accordance with BS 6862 Part 1:1971 where applicable
- Working temperature -15°C to +70°C • Maximum Voltage 60v - Suitable for most 12v and 24v Systems
- PVC Insulation resistant to petrol/diesel, oil and diluted acids • Plain copper stranded conductors - PVC sheathed
 - Outer PVC Sheath and Core PVC Insulation Colours : As per table below

TWO CORE (FLAT) PVC AUTO - STANDARD COLOUR AVAILABLE

Crusader Code	OUTER Sheath colour	INNER TWIN CORE Colours Available						
SE209	B lack	R B	W B	N W				
SE214	B lack	R B	W B	N W	U W	R W	B Y	
	G reen	R B						
	R ed	R B						
	W hite	R B						
SE221	B lack	R B						
SE228	B lack	R B		N W	U W		B Y	
	G reen	R B						
	W hite	R B	W B		U W	R W		
SE235	B lack	R B						
SE244	B lack	R B						
	W hite	R B						
SE256	B lack	R B						
SE265	B lack	R B						

Other Sheath and Core Colour Combinations may be available - Please speak to our Sales Dept.



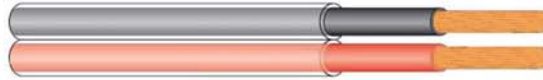
MULTICORE PVC AUTO



Crusader Code	Conductor Stranding (No. of Wires/ Diameter mm)	Nominal Conductor Area (mm ²)	Reel Sizes Available						Maximum Overall Cable Diameter (mm)	Conductor Resistance at 20°C (Ω per Km)	Conductor Nominal Current Rating (Amps)	Outer Sheath Colour	Inner Core Colour
			Bulk	500m	250m	100m	50m	30m					
SE209R	2 x 9/0.3	2 x 0.65	■	■	■	■	■	■	6.5	29.4	5.75	Black	Black Red
SE214R	2 x 14/0.3	2 x 1.0	■	■	■	■	■	■	7.1	18.9	8.75		
SE228R	2 x 28/0.3	2 x 2.0	■		■	■	■	■	8.3	9.4	17.5		
SE309	3 x 9/0.3	3 x 0.65	■		■	■	■	■	7.0	29.4	5.75	Black	Black Green Red
SE314	3 x 14/0.3	3 x 1.0	■		■	■	■	■	7.5	18.9	8.75		
SE328	3 x 28/0.3	3 x 2.0	■			■	■	■	8.7	9.4	17.5		
SE409	4 x 9/0.3	4 x 0.65	■		■	■	■	■	7.9	29.4	5.75	Black	Brown Green Red White
SE414	4 x 14/0.3	4 x 1.0	■			■	■	■	8.9	18.9	8.75		
SE509	5 x 9/0.3	5 x 0.65	■			■	■	■	9.0	29.4	5.75	Black	Brown Green Red White and Yellow
SE514	5 x 14/0.3	5 x 1.0	■			■	■	■	10.0	18.9	8.75		
SE521	5 x 21/0.3	5 x 1.5	■			■	■	■	10.7	12.5	12.75		
SE502S	4 x 35/0.3 & 1 x 21/0.3	4 x 2.5 & 1 x 1.5	■			■	■	■	12.2	7.5 & 12.5	21.75 & 12.75	Slate Grey	
SE716	7 x 16/0.2	7 x 0.5	■			■	■	■	8.5	36.9	4.25	Black	Black Red Green Yellow Brown Blue and White
SE709	7 x 9/0.3	7 x 0.65	■			■	■	■	9	29.4	5.75		
SE714	7 x 14/0.3	7 x 1.0	■			■	■	■	10.7	18.9	8.75		
SE700	6 x 9/0.3 & 1 x 14/0.3	6 x 0.65 & 1 x 1.0	■			■	■	■	9.2	29.4 & 18.9	5.75 & 8.75		
SE703	6 x 9/0.3 & 1 x 28/0.3	6 x 0.65 & 1 x 2.0	■			■	■	■	9.9	29.4 & 9.4	5.75 & 17.5		
SE701N	6 x 14/0.3 & 1 x 28/0.3	6 x 1.0 & 1 x 2.0	■			■	■	■	10.6	18.9 & 9.4	8.75 & 17.5		
SE702N	6 x 21/0.3 & 1 x 35/0.3	6 x 1.5 & 1 x 2.5	■			■	■	■	11.8	12.5 & 7.5	12.75 & 21.75		
SE702S	6 x 21/0.3 & 1 x 35/0.3	6 x 1.5 & 1 x 2.5	■			■	■	■	11.8	12.5 & 7.5	12.75 & 21.75	Slate Grey	
SE802	7 x 9/0.3 & 1 x 28/0.3	7 x 0.65 & 1 x 2.0	■			■	■	■	10.4	29.4 & 9.4	5.75 & 17.5	Black	BRGYNPW and W
SE801	7 x 14/0.3 & 1 x 28/0.3	7 x 1.0 & 1 x 2.0	■			■	■	■	10.8	18.9 & 9.4	8.75 & 17.5		
SE100	9 x 14/0.3 & 1 x 28/0.3	9 x 1.0 & 1 x 2.0	■			■	■	■	13.3	18.9 & 9.4	8.75 & 17.5	Black	BOUNSGPRY and W
SE1300	8 x 21/0.3 & 5 x 35/0.3	8 x 1.5 & 5 x 2.5	■				■	■	15.9	12.5 & 7.5	12.75 & 21.75	Black	RKNUGBY W/U OS W/R W/B & W

- Individual conductors manufactured in compliance with BS EN60228:2005 and ISO 6722:2006 (Class B)
- Cable manufactured in accordance with BS 6862 Part 1:1971 where applicable
- Working temperature -15°C to +70°C • Maximum Voltage 60v - Suitable for most 12v and 24v Systems
 - Plain copper stranded conductors - PVC sheathed
 - PVC insulation resistant to petrol/diesel, oil and diluted acids
- Outer PVC Sheath Colour : Black or Slate Grey • Core PVC Insulation Colours : As Table Above

TWIN HI FLEX BATTERY CABLE



Crusader Code	Nominal Conductor Area (mm ²)	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
BATF2/16	2 x 16	494/0.20	■	■	■	■	■	15.2 x 6.7	106
BATF2/25	2 x 25	779/0.20	■	■	■	■	■	18.0 x 8.1	140
BATF2/35	2 x 35	1083/0.20	■	■	■	■	■	20.0 x 9.1	171
BATF2/50	2 x 50	1554/0.20	■	■	■	■	■	30.6 x 14.6	215

A range of figure 8 configuration, twin hi flex battery cables, which use extra flexible plain copper conductors, insulated by a red and black thermoplastic elastomer, and then sheathed in a transparent PVC sheath, which can be divided to separate the two cores for connection. The working temperature range is -25°C to +70°C, and the cable is particularly resistant to abrasion, moisture, petrol/diesel, oil and diluted acids, making it ideal for a wide variety of flexible indoor or outdoor uses.

FLEXIBLE PVC BATTERY CABLE



Crusader Code	Nominal Conductor Area (mm ²)	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
BAT/25	25	196/0.40	■	■	■	■	■	9.8	170
BAT/40	40	315/0.40	■	■	■	■	■	12.2	300
BAT/50	50	396/0.40	■	■	■	■	■	13.3	345
BAT/60	60	475/0.40	■	■	■	■	■	14.6	415

A range of flexible battery cables, with plain copper conductors and a PVC outer sheath, which is resistant to abrasion, moisture, petrol/diesel, oil and diluted acids. The working temperature range is -15°C to +70°C and the cable is available with either Black or Red outer PVC Sheath.

EXTRA FLEXIBLE PVC BATTERY CABLE



Crusader Code	Nominal Conductor Area (mm ²)	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Dimensions (mm)	Conductor Nominal Current Rating (Amps)
			Bulk	100m	50m	30m	10m		
BATF/16	16	206/0.30	■	■	■	■	■	8.7	110
BATF/20	20	266/0.30	■	■	■	■	■	9.2	135
BATF/25	25	322/0.30	■	■	■	■	■	10.5	170
BATF/35	35	451/0.30	■	■	■	■	■	12.0	240
BATF/40	40	539/0.30	■	■	■	■	■	12.6	300
BATF/50	50	640/0.30	■	■	■	■	■	13.8	345
BATF/60	60	805/0.30	■	■	■	■	■	14.8	415
BATF/70	70	905/0.30	■	■	■	■	■	15.9	485
BATF/95	95	1285/0.30	■	■	■	■	■	18.2	500
BATF/120	120	1695/0.30	■	■	■	■	■	20.1	600

A range of hi flex, extra flexible battery cables, using fine stranded copper conductors with a PVC outer sheath to achieve a product which is ideal for battery or welding cable use, and is resistant to abrasion, moisture, petrol/diesel, oil and diluted acids. The working temperature range is -15°C to +70°C and the cable is available with either Black or Red outer PVC Sheath.

TWIN SPEAKER CABLE



Crusader Code	Conductor Nominal Current Rating (Amps)	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Maximum Overall Cable Diameter (mm)	Nominal Conductor Resistance (Ω /km)
			Bulk	500m	250m	100m	30m		
SP12/2A	2	2 x 12/0.2	■	■	■	■	■	3.65 x 1.7	52.0
SP16/3A	3	2 x 16/0.2	■	■	■	■	■	3.92 x 1.9	39.0
SP24/6A	6	2 x 24/0.2	■	■	■	■	■	4.93 x 2.3	26.0
SP32/10A	10	2 x 32/0.2	■	■	■	■	■	6.00 x 2.8	18.1
SP50/20A	20	2 x 50/0.25	■	■	■	■	■	6.72 x 3.0	7.4

A range of flexible, two core, figure of 8 standard speaker cables, with polarity line indicator along one core to indicate the "positive" tracer, ideal for auto/home loudspeaker connection and available in a variety of current ratings. Cables may be available in the following colour schemes: Black-Black/White, Black-Black/Blue, Black-Black/Red, White-White/Black, Slate-Slate/Black, and transparent sheathing with coloured tracer line. Please speak to our sales department for more information, or other cable colours or ratings.

RG COAXIAL AND SATELLITE CABLE



Crusader Code	Surge Impedance (Ω)	Cable Type & Core Diameter (mm)	Reel Sizes Available					Outer PVC Sheath Colours Available	Maximum Overall Cable Diameter (mm)
			Bulk	100m	50m	30m	10m		
COAX/RG6	75 Ω	RG6 - 1.00	■	■	■	■	■	White, Brown	6.7
COAX/RG11	75 Ω	RG11 - 1.63	■	■	■	■	■	Black	10.5
COAX/RG58	50 Ω	RG58 - 0.90	■	■	■	■	■	Black	5.0
COAX/RG59	75 Ω	RG59 - 0.81	■	■	■	■	■	Black	6.2

Coaxial cables are commonly used for high frequency data and signal transmission, where signal loss and outside interference must be kept to a minimum. They are generally constructed using an inner conductor of solid or stranded high conductivity copper which is insulated with a solid, foamed or airspaced polyethylene dielectric. An outer conductor, consisting of a high conductivity copper wire braid, is applied over the dielectric and then sheathed with PVC.

ALARM CABLE



Crusader Code	Alarm Cable Type	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available					Core PVC Sheath Colours	Nominal Cable O/D Diameter (mm)
			Bulk	500m	250m	100m	50m		
AL4	4 Core	4 x 7/0.2	■	■	■	■	■	R, Y, U, B	3.6
AL6	6 Core	6 x 7/0.2	■	■	■	■	■	R, Y, U, B, G, W	4.4
AL8	8 Core	8 x 7/0.2	■	■	■	■	■	R, Y, U, B, G, W, N, O	4.8

A range of unscreened, flexible PVC multicore cables normally used for the wiring of burglar alarm and other low voltage circuits. Each core contains tinned annealed copper conductors to BS4737 coated with a range of colour coded PVC inner sheaths, surrounded by an external white PVC insulation. Working temperature range is -10°C to +70°C and maximum working voltage is 50V.

318-Y FLEXIBLE PVC MAINS CABLE (H05VVF)



Crusader Code	Nominal Conductor Area (mm ²)	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available						Nominal Overall Cable Diameter (mm)	Max Conductor Resistance at 20°C (Ω per Km)	Conductor Current Rating (Amps)
			Bulk	500m	250m	100m	50m	30m			
3182Y0.75	2 x 0.75	2 x 24/0.20	■	■	■	■	■	■	6.2	26.00	6
3182Y1.0	2 x 1.0	2 x 32/0.20	■		■	■	■	■	6.4	19.50	10
3182Y1.5	2 x 1.5	2 x 30/0.25	■		■	■	■	■	7.4	13.30	16
3182Y2.5	2 x 2.5	2 x 50/0.25	■		■	■	■	■	9.2	7.98	20
3183Y0.75	3 x 0.75	3 x 24/0.20	■	■	■	■	■	■	6.6	26.00	6
3183Y1.0	3 x 1.0	3 x 32/0.20	■		■	■	■	■	6.8	19.50	10
3183Y1.5	3 x 1.5	3 x 30/0.25	■		■	■	■	■	8.1	13.30	16
3183Y2.5	3 x 2.5	3 x 50/0.25	■		■	■	■	■	10.0	7.98	20

• Class 5 Flexible Copper Conductors to BS EN 60228:2005 • Round PVC Insulation & Sheath to BS7655
 • Temperature Rating: 0°C to +60°C Voltage Rating: 300/500V • Manufactured to BS6500/1984 Table 16
 • Minimum Bending Radius: 6 x Overall Diameter • Outer Sheath Colours Available: Black, White, Orange
 • Inner Core Colours: 2 core: Blue, Brown. 3 core: Blue, Brown, Green/Yellow
 A versatile flex, commonly used for the wiring of portable and semi-fixed domestic appliances, and extension leads.

ARCTIC GRADE PVC MAINS CABLE



Crusader Code	Nominal Conductor Area (mm ²)	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available						Nominal Overall Cable Diameter (mm)	Max Conductor Resistance at 20°C (Ω per Km)	Conductor Current Rating (Amps)
			Bulk	500m	250m	100m	50m	30m			
3182Y1.0AG	2 x 1.0	2 x 32/0.20	■	■	■	■	■	■	6.4	19.50	10
3182Y1.5AG	2 x 1.5	2 x 30/0.25	■		■	■	■	■	7.4	13.30	16
3182Y2.5AG	2 x 2.5	2 x 50/0.25	■		■	■	■	■	9.0	7.98	20
3183Y1.0AG	3 x 1.0	3 x 32/0.20	■	■	■	■	■	■	6.8	19.50	10
3183Y1.5AG	3 x 1.5	3 x 30/0.25	■		■	■	■	■	8.1	13.30	16
3183Y2.5AG	3 x 2.5	3 x 50/0.25	■		■	■	■	■	10.0	7.98	20
3183Y4.0AG	3 x 4.0	3 x 56/0.30	■		■	■	■	■	11.3	4.95	25

• Class 5 Flexible Copper Conductors to BS EN 60228:2005 • Insulation & Sheath: Round Arctic Grade PVC
 • Temperature Rating: -40°C to +70°C Voltage Rating: 300/500V • Manufactured to BS6500/1984 Table 16
 • Minimum Bending Radius: 6 x Overall Diameter • Outer Sheath Colours Available: Blue, Yellow
 • Inner Core Colours: 2 core: Blue, Brown. 3 core: Blue, Brown, Green/Yellow
 Arctic Grade PVC is designed to withstand severe external temperatures, remaining flexible at temperatures as low as -20°C

RUBBER INSULATED MAINS CABLE (H07RN-F)



Crusader Code	Nominal Conductor Area (mm ²)	Conductor Stranding (No. of Wires/ Diameter mm)	Reel Sizes Available						Nominal Overall Cable Diameter (mm)	Max Conductor Resistance at 20°C (Ω per Km)	Conductor Current Rating (Amps)
			Bulk	500m	250m	100m	50m	30m			
H07RNF1.02C	2 x 1.0	2 x 32/0.20	■	■	■	■	■	■	8.6	19.50	10
H07RNF1.52C	2 x 1.5	2 x 30/0.25	■		■	■	■	■	9.6	13.30	16
H07RNF2.52C	2 x 2.5	2 x 50/0.25	■		■	■	■	■	11.2	7.98	20
H07RNF1.03C	3 x 1.0	3 x 32/0.20	■		■	■	■	■	9.3	19.50	10
H07RNF1.53C	3 x 1.5	3 x 30/0.25	■		■	■	■	■	10.3	13.30	16
H07RNF2.53C	3 x 2.5	3 x 50/0.25	■		■	■	■	■	12.0	7.98	20

• Class 5 Flexible Copper Conductors to BS EN 60228:2005 • Insulation: EPR Rubber to BS7655
 • Sheath: PCP Polychloroprene to BS7655 - oil and flame retardant • Temperature Rating: -30°C to +85°C
 • Voltage Rating: 450/750V • Manufactured to BS7919 • Minimum Bending Radius: 6 x Overall Diameter
 • Outer Sheath Colour: Black • Inner Core Colours: 2 core: Blue, Brown. 3 core: Blue, Brown, Green/Yellow
 H07RN-F Rubber Flex is robust and extremely flexible, and is designed primarily as a heavy duty trailing cable for portable or mobile equipment.



V551

Cable cutters
(Up to 4mm²)



V552

Cable Cutters
(Up to 38mm²)



V553

Cable Cutters
(Up to 80mm²)



V550

Cable Strippers
(to 6mm²)



V534 - Light Duty Crimping Tool
V535 - Ratchet Crimping Tool
V536 - Terminal Crimping Tool

Cable
Crimping Tools

(V536 uninsulated)



V554

Heavy Duty Copper
Tube Crimper



V555

Twin Setting Electric
Heat Gun



V556

Micro
Gas Torch



V557 - 40W Electric Soldering Iron
V558 - Reel of Multicore Fluxed Solder

Jokon PL96 Front
Marker Lamp (Clear)



V559

Auto Electric
Circuit Tester



V560

Digital
Multi Meter



T400

Digital Vernier
Calipers



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INTERPRETATION

Definitions. In these Conditions, the following definitions apply: "**Business Day**": a day other than a Saturday, Sunday or public holiday in England when banks in London are open for business. "**Conditions**": the terms and conditions set out in this document as amended from time to time in accordance with clause 11.6. "**Contract**": the contract between the Supplier and the Customer for the sale and purchase of the Goods in accordance with these Conditions. "**Customer**": the person or firm who purchases the Goods from the Supplier. "**Goods**": the goods (or any part of them) set out in the Order. "**Order**": the order by the Customer for the Goods. "**Supplier**": Crusader Products Limited (registered in England and Wales with company number 02169807).

Construction. In these Conditions, the following rules apply:

A person includes a natural person, corporate or unincorporated body (whether or not having separate legal personality) A reference to a party includes its personal representatives, successors or permitted assigns
A reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to a statute or statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted
Any phrase introduced by the terms including, include, in particular or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms
A reference to writing or written includes faxes and e-mails

CONTRACT

These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.

The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order are complete and accurate.

The Order shall only be deemed to be accepted by the Supplier: when the Supplier issues a written acceptance of the Order; or if earlier, when the Supplier delivers the Goods to the Customer at which point the Contract shall come into existence.

The Contract constitutes the entire agreement between the parties. The Customer acknowledges that it has not relied on any statement, promise, representation, assurance or warranty made or given by or on behalf of the Supplier which is not set out in the Contract.

Any samples, drawings, descriptive matter, or advertising produced by the Supplier and any descriptions or illustrations contained in the catalogues or brochures of the Supplier are produced for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract or have any contractual force.

GOODS

The Goods are as described in the catalogue of the Supplier.

The Supplier reserves the right to amend the specification of the Goods at any time and without notice if required by any applicable statutory or regulatory requirements.

DELIVERY

The Supplier shall ensure that each delivery of the Goods is accompanied by a delivery note which shows relevant reference numbers of the Customer and the Supplier, the type and quantity of the Goods.

The Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree ("Delivery Location") at any time after the Supplier notifies the Customer that the Goods are ready.

Delivery of the Goods shall be completed on the arrival of the Goods at the Delivery Location or, if the Customer collects the Goods from the Supplier's premises, at the time of collection by the Customer.

Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the failure of the Customer to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.

If the Supplier fails to deliver the Goods, its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods. The Supplier shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the failure of the Customer to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.

If the Customer fails to take delivery of the Goods within 3 Business Days of the Supplier notifying the Customer that the Goods are ready, then, except where such failure or delay is caused by a Force Majeure Event or the failure of the Supplier to comply with its obligations under the Contract:

delivery of the Goods shall be deemed to have been completed at 9:00 am on the third Business Day following the day on which the Supplier notified the Customer that the Goods were ready; and

the Supplier shall store the Goods until delivery takes place, and charge the Customer for all related costs and expenses (including insurance).

The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Each instalment shall constitute a separate Contract. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.

QUALITY

The Supplier warrants that on delivery the Goods shall: conform in all material respects with their description; and be free from material defects in design, material and workmanship.

Subject to clause 5.3, if the Customer gives notice in writing to the Supplier that some or all of the Goods do not comply with the warranty set out in clause 5.1:

the Supplier is given a reasonable opportunity of examining such Goods; and the Customer (if asked to do so by the Supplier) returns such Goods to the place of business of the Supplier at the cost of the Customer (such cost to be refunded by the Supplier if the Supplier determines the Goods do not comply with the warranty set out in clause 5.1);

the Supplier shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full.

The Supplier shall not be liable for failure of the Goods to comply with the warranty set out in clause 5.1 in any of the following events:

the Customer makes any further use of such Goods after giving notice in accordance with clause 5.2; or the defect arises because the Customer failed to follow the oral or written instructions of the Supplier or manufacturer as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same; or

the Customer alters or repairs such Goods without the written consent of the Supplier; or the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or the Goods differ from their description as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

Except as provided in this clause 5, the Supplier shall have no liability to the Customer in respect of the failure of the Goods to comply with the warranty set out in clause 5.1.

The terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.

The Customer acknowledges that the Supplier is not the manufacturer of the Products. If, in respect of any of the Products, the manufacturer of those Products offers or provides a warranty, the Supplier shall, at the Customer's written request, use reasonable endeavours to ensure the Customer obtains the benefit of any such warranty.

TITLE AND RISK

The risk in the Goods shall pass to the Customer on completion of delivery.

Title to the Goods shall not pass to the Customer until the earlier of: the Supplier receives payment in full (in cash or cleared funds) for the Goods and any other goods that the Supplier has supplied to the Customer, in which case title to the Goods shall pass at the time of payment of all such sums; and the Customer resells the Goods, in which case title to the Goods shall pass to the Customer at the time specified in clause 6.4. Until title to the Goods has passed to the Customer, the Customer shall:

store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as the property of the Supplier (and, in particular, shall store Goods for which the Customer has paid separately from Goods for which the Customer has not paid);

not remove, deface or obscure any identifying mark or packaging on or relating to the Goods; maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;

notify the Supplier immediately if it becomes subject to any of the events listed in clause 8.2; and give the Supplier such information relating to the Goods as the Supplier may require from time to time.

If the Customer allows the Goods (or any of them) for which the Customer has not paid to be stored with Goods for which the Customer has paid such that it is not possible to distinguish between Goods which have been paid for and those which have not been paid for, the Customer shall be deemed to have not paid for such number of the Goods which remain in the Customer's possession and for which the Supplier has not received payment.

Subject to clause 6.6, the Customer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Supplier receives payment for the Goods. However, if the Customer resells the Goods before that time:

it does so as principal and not as the agent of the Supplier; and title to the Goods shall pass from the Supplier to the Customer immediately before the time at which resale by the Customer occurs.

If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 8.2 then, without limiting any other right or remedy the Supplier may have:

the right to resell the Goods by the Supplier or use them in the ordinary course of its business ceases immediately; and the Supplier may at any time:

require the Customer to deliver up all Goods in its possession which have not been resold, or irrevocably incorporated into another product; and

if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.

PRICE AND PAYMENT

The price of the Goods shall be the price set out in the published price list of the Supplier in force as at the date of delivery or, if different, the price specified in the Contract.

The Supplier may, by giving notice to the Customer at any time before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:

any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs); or any request by the Customer to change the delivery date(s), quantities or types of Goods ordered or any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.

For Orders to be delivered within the UK mainland with a value of more than £150 the price of the Goods is inclusive of the costs for the delivery of the Goods. For Orders with a value of less than £150 or for delivery outside the UK mainland the costs of delivery will be charged to the Customer at the Supplier's standard rates and which costs shall be invoiced to the Customer in addition to the price of the Goods.

The price of the Goods is exclusive of amounts in respect of value added tax ("VAT"). The Customer shall, on receipt of a valid VAT invoice from the Supplier, pay to the Supplier such additional amounts in respect of VAT as are chargeable on the supply of the Goods.

The Supplier may invoice the Customer for the Goods on or at any time after the completion of delivery.

The Customer shall pay the invoice in full and in cleared funds within 30 days following the end of the month in which the invoice is dated. Time of payment is of the essence.

If the Customer fails to make any payment due to the Supplier under the Contract by the due date for payment, then the Customer shall pay interest on the overdue amount at the rate of 4% per annum above the base rate of Barclays Bank PLC from time to time. Such interest shall accrue on a daily basis from the due date until actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.

The Customer shall pay all amounts due under the Contract in full without any set-off, counterclaim, deduction or withholding (except for any deduction or withholding required by law).

TERMINATION AND SUSPENSION

If the Customer becomes subject to any of the events listed in clause 8.2, the Supplier may terminate the Contract with immediate effect by giving written notice to the Customer and, all amounts which are then outstanding and to be paid by the Customer to the Supplier (whether under the Contract or any other Contract) shall become immediately due and payable by the Customer.

For the purposes of clause 8.1, the relevant events are:

the Customer suspends, or threatens to suspend, payment of its debts or is unable to pay its debts as they fall due or admits inability to pay its debts or (being a company or limited liability partnership) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing apply;

the Customer commences negotiations with all or any class of its creditors with a view to restructuring any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than (where the Customer is a company) where these events take place for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of the Customer;

(being a company) a petition is filed, a resolution is passed, or an order is made, for or in connection with the winding up of the Customer, other than for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of the Customer;

(being an individual) the Customer is the subject of a bankruptcy petition or order; a creditor or encumbrancer of the Customer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;

(being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Customer;

(being a company) the holder of a qualifying charge over the assets of the Customer has become entitled to appoint or has appointed an administrative receiver;

a person becomes entitled to appoint a receiver over the assets of the Customer or a receiver is appointed over the assets of the Customer;

any event occurs, or proceeding is taken, with respect to the Customer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clause 8.2(a) to clause 8.2(h) (inclusive);

the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business; or

the financial position of the Customer deteriorates to such an extent that in the opinion of the Supplier the capability of the Customer to adequately fulfil its obligations under the Contract has been placed in jeopardy.

Without limiting its other rights or remedies, the Supplier may suspend provision of the Goods under the Contract or any other contract between the Customer and the Supplier if the Customer becomes subject to any of the events listed in clause 8.2(a) to clause 8.2(i), or the Supplier reasonably believes that the Customer is about to become subject to any of them, or if the Customer fails to pay any amount due under this Contract on the due date for payment.

On termination of the Contract for any reason the Customer shall immediately pay to the Supplier all of the outstanding unpaid invoices and interest of the Supplier.

Termination of the Contract, however arising, shall not affect any of the parties' rights, remedies, obligations and liabilities that have accrued as at termination.

Clauses which expressly or by implication survive termination of the Contract shall continue in full force and effect.

LIMITATION OF LIABILITY

Nothing in these Conditions shall limit or exclude the liability of the Supplier for: death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable); or

fraud or fraudulent misrepresentation; or breach of the terms implied by section 12 of the Sale of Goods Act 1979; or any matter in respect of which it would be unlawful for the Supplier to exclude or restrict liability.

Subject to clause 9.1:

the Supplier shall under no circumstances whatever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with the Contract; and

the total liability of the Supplier to the Customer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Goods.

FORCE MAJEURE

Neither party shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including default of suppliers or subcontractors.

GENERAL

Assignment and other dealings. The Customer may not assign, transfer, mortgage, charge, subcontract, declare a trust over or deal in any other manner with any or all of its rights or obligations under the Contract without the prior written consent of the Supplier.

Notices. Any notice or other communication given to a party under or in connection with the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first-class post or other next working day delivery service, commercial courier, fax or e-mail. The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

Severance. If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.

Waiver. A waiver of any right or remedy under the Contract or law is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

Third party rights. A person who is not a party to the Contract shall not have any rights to enforce its terms. **Variation.** Except as set out in these Conditions, no variation of the Contract, including the introduction of any additional terms and conditions, shall be effective unless it is in writing and signed by the Supplier.

Governing law. The Contract, and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims), shall be governed by, and construed in accordance with the law of England and Wales.

Jurisdiction. Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of or in connection with this Contract or its subject matter or formation (including non-contractual disputes or claims).



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