





F4P General Products Catalogue

The F4P brand is a culmination of 30 years trading, with its reputation built on providing a breadth of products to electrical specifiers, wholesalers, contractors and end users.

The company is fully established in the UK and Eire, Canada and North America. Our aim is to capitalise on our strong market position, via our extensive distribution network to deliver a vast array of installation solutions, whilst upholding our core ideals of quality and value. We appreciate the importance of service and availability in today's fast paced world of commerce, as such, online ordering facilities are distributed by the CEF website: cef.co.uk



cef.co.uk



How to contact us...

Technical Support

F4P are proud to offer over 100 years' combined experience in technical support from our internal sales team. This technical support is also backed up by dedicated Business Development Managers who specialise in installation solutions.

Customer Service

F4P has a dedicated department open from 7.30am to 5.30pm, 5 days a week, Monday to Friday. All staff are continuously trained to offer the high quality service which we have become renowned for over the last 30 years. Our customers can be confident in our continued integrity and support.

Delivery

With over 2300 product lines available, our experienced despatch team enable products ordered before 3:00pm to be despatched the same day. In addition to this we are extremely resourceful with regards to meeting specialised deliveries outside of this criteria.



Contact us today



info@f4p-products.com





f4p-products.com





+44 (0)1302 765 570



MRO Maintenance



Maintenance, Repair & Operations

Our F4P MRO Maintenance, Repair and Operations page short form catalogue is available upon request which showcases products from our exclusive F4P range of products and also our branded partners.

For your free printed copy contact us on **01302 765 570**, or email **info@f4p-products.com**

Alternatively, you can download the digital version from our website **f4p-products.com**





Measurements

Unless stated otherwise, all measurements are in millimetres.

Our policy is one of constant development and improvement. Whilst every effort is made for all details to be correct at time of press, specification and /or appearance may be changed in the interest of continuing improvement. Errors and omissions excepted.

Useful Icons



Keep up to date with all of the latest F4P products on YouTube.



You can now view a range of instructional and product videos. Keep a lookout for the QR code icons throughout the catalogue.



Check out the latest info on Twitter @F4Pinfo
For technical information and developments.



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Heavy Duty Backpack

Ref: F4PHDBPACK

- 4 External pockets
- 16 Internal pockets
- Heavy duty 1680D ballistic weave material
- Tough, durable molded base protects from the elements
- · High visibility reflective strips
- Size 35cm x 17cm x 48cm
- Loading capacity 12kg



Heavy Duty Technicians Case

Ref: F4PHDCASE

- 14 External pockets
- 12 Internal pockets
- Heavy duty 1680D ballistic weave material
- Tough, durable moulded base protects from the elements
- · High visibility reflective strips
- Loading capacity 12kg
- Size 40.5cm x 22.5 cm x 33.5cm



20 Pocket Heavy Duty Professional Bag

Ref: F4PHDPROBAG

- 8 External pockets
- 12 Internal pockets
- · Heavy duty 1680D ballistic weave material
- Tough, durable moulded base protects from the elements
- Wide opening for easy access
- · High visibility reflective strips
- Size: 44cm x 25cm x 31cm
- · Loading capacity 12kg





Tools & Accessories

Heavy Duty Tool Belt

Ref: F4PHDPROTOOLBELT

- Leather belt
- 7 Pocket utility tool pouch
- 5 Pocket utility pouch
- Heavy duty 1680D ballistic weave material
- 80-120cm in diameter that can be adjusted to waist size
- · High visibility reflective strips
- Tape holder chain



Heavy Duty Rolling Tool Case

Ref: F4PHDRTCASE

- 7 External pockets
- 6 Internal pockets
- High visibility reflective strips
- Business card holder
- Wheel size 7.5cm
- Heavy duty 1680D ballistic weave material
- Trolley folding size: 36cm x 25cm x 38cm
- Trolley open size: 92cm x 25cm x 38cm





Heavy Duty Technician Tool Case Plus

Ref: F4PHDTECHCASE

- 73 pockets and holders including fold out panels for easy tool access
- · Heavy duty 1680D ballistic weave material
- Padded handle and shoulder strap for maximum comfort
- Padded central compartment fits laptop









Heavy Duty Tool Roll

Ref: F4PHDTOOLROLL

- 29 Pockets to carry a range of tools
- Tape measure hook
- · Can be used as roll or wall hanging
- Size: 56cm x 48cm



Heavy Duty Tote 250mm

Ref: F4PHDTOTE250MM

- 12 External pockets
- 20 Tool holders
- Heavy duty 1680D ballistic weave material
- · Comfort grip swivel handle
- Moulded feet
- Tape measure holder
- · High visibility Reflective strips



Heavy Duty Tote 450mm

Ref: F4PHDTOTE450MM

- 10 External pockets
- 9 Internal pockets
- Heavy duty 1680D ballistic weave material
- · Comfort grip swivel handle
- · Moulded feet
- · High visibility reflective strips





Tools & Accessories

150mm Jab Saw

Ref: F4PJABSAW

Ideal for use on soft timber, drywall, plasterboard or for light pruning. Ergonomically designed handle combines constructional strength with soft grip touch for the ultimate user comfort experience.

- 150mm blade length
- 1.5mm blade construction
- · ABS and rubber handle
- Fully hardened 65Mn high carbon steel produces a stable sawing action and extreme tool durability
- Tri-ground teeth at perfect 7tpi ratio provides an aggressive sawing action on both the push and pull strokes for extreme speed and fast hole production.



Blade Length	Overall Length	Weight
150mm	320mm	105g



Electricians Marker Pen Kit

Ref: F4PMARKERPACK

4x Marker special purpose industrial kit

 2 Electricians markers - Black and Orange twin ended dual nibs (1mm and 0.4mm), suitable for writing on plastic, wires and electric tags - Non-conductive barrel and ink

• 2 Long nib markers - Blue and Black 30mm long nib for deep holes and inspections on hard to reach places

Ink is permanent and waterproof, Xylene free and low odour

• Shrink temperature: 90°C

Complete in plastic wallet

· Cap colour is ink colour











Folding Utility Knife

Ref. F4PSK

Durable folding utility knife featuring dual blade positions and quick blade release. Complete with 10 spare blades, this is an essential item for any contractor's toolbox!

- · Quick-change blade mechanism
- · Ergonomic, non-slip hand grip
- Single switch blade change
- Suitable for left and right hand use
- Supplied with 10 x quick change blades in dispenser pack

ATIL C	SO IN		
Protective	Lock release button		
blade cap	(Press to open/close blade)		

Blade Length	Overall Length	Weight	
150mm	320mm	105g	

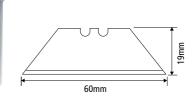


Tools & Accessories

10 Pack of Spare Blades for F4PSK Utility Knife

Ref: F4PSB10

- Universal size fits most brands of utility knife
- Pack of 10
- · Supplied in a handy dispenser



4-In-1 Cross Switch Key Wrench

Ref. F4P4WSKW

- Circle wrench Ø5.5mm
- · Triangle wrench 9mm
- · Square wrench 6mm
- Square wrench 8mm
- · Zinc alloy construction



F4P Portable Cable Spooler

Ref: F4PCC

Lightweight cable carrier and stand, complete with five cable clips and rubber stoppers.

- · Ideal for all working environments
- · Run cables single handed
- · Folds flat for easy storage
- · Sets up easily in seconds
- · Robust steel construction
- · Maximum carrying capacity: 45kg
- · Holds multiple reels
- · Clips to hold cables
- Weight: 7kg



Stock & Die Set

Ref: F4PSD2025

High torque steel stock with dies and guides, presented in a handy carry case.

Specifications:

• Length x Diameter: 375 x 60mm

• Internal die stock dimension: 40.2 x 17.5mm

• Depth of bore for guides: 36.5mm

Contents:

• 20mm Stock

• 25mm Stock

Dies

Guides







Tools and Accessories

Professional Conduit/Pipe Bender

Ref: F4PPB

Portable stand machine with multi-sized former to handle 20mm, 25mm and 32mm conduit allows accurate bends every time by a simple adjustment to the former.

Can produce complex multiple bends quickly, without the need for time consuming checking and offering up.

Contents:

- Standard handle
- Arm extension tube
- · Conduit vice
- · 20mm steel pipe former
- · 25mm steel pipe former
- · 32mm steel pipe former















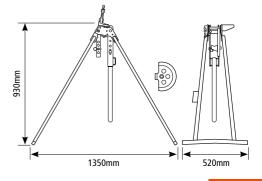
Description







F4P20F	20mm Conduit Pipe Former				
F4P25F	25mm Conduit Pipe Former				
F4P32F	32mm Conduit Pipe Former				
Spares & A	Spares & Accessories				
F4PSPC	Safety Pin/Chain				
F4PGR	Grooved Roller				
F4PTS	Tube Stop				
F4PSB	Stop Bar				
F4PCP	Centre Pin				
F4PRP	Roller Pin				
F4PPV	Pipe Vice				
F4PRETP	Retaining Pins (x5)				
F4PJ	Vice Jaws (x3)				



Latex Dipped Work Gloves

Lightweight and breathable. These general purpose gloves offer excellent flexibility and grip.

- · Black latex dipped palm
- 13 gauges red polyester liner
- One pair

Ref	Size
F4PPPEWG/L	Large (L)
F4PPPEWG/XL	Extra Large (XL)



Cut Resistant Work Gloves

High Performance Polyethylene work gloves offering excellent dexterity, along with level 5 cut resistance.

- · Grey PU dipped palm
- 13 gauges grey HPPE and glass fibre knitted liner
- · One pair

Ref	Size
F4PPPECRG/L	Large (L)
F4PPPECRG/XL	Extra Large (XL)



Protective Hard Hats

Personal protective equipment (PPE) is defined in the regulations as all equipment which is intended to be worn or held by a person at work which protects them against one or more risks to their health and safety.

- Adjustable size: 53-63cm
- · Adjustable chin strap
- Complies to EN 397:2012

Ref	Colour
F4PPPEHHW	White
F4PPPEHHY	Yellow



Cushioned Ear Defenders

Ref: F4PPPEEDP

- 26dB standard noise reduction
- Soft PU cushion
- Adjustable size

- Large ABS cup
- · High density foam





Safety Spectacles

Lightweight Safety GogglesRef: **F4PPPESG**

- Grade B frame impact protection
- PVC & Polycarbonate construction
- Adjustable, elasticated headband
- Direct ventilation to reduce fogging
- UV protection
- Complies to EN 166



Clear Lens Safety Overspecs Ref: F4PPPESS

- Polycarbonate construction
- Wide field of vision
- · Can be worn over spectacles
- UV protection
- Complies to EN 166



Safety Spectacles

Ref: F4PPPESSA

- Impact resistant polycarbonate lenses
- · Wide field of vision
- Adjustable temple length
- UV protection
- Complies to EN 166



Protective Foam Knee Pads

Ref: **F4PPPEKP**

- · Ergonomically moulded foam pads
- Elasticated Velcro fastening strap
- One pair





Soft Gel Knee Pads

Ref: F4PPPESGKP

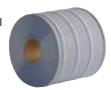
- Ergonomic soft gel pads
- Hard wearing large knee cap
- Elasticated Velcro fastening strap
- One pair



Single-Ply Blue Roll

Ref: F4P1PBR300M (300 Meters)

- · General purpose, highly absorbent paper roll
- · Roll length: 300 m
- · Roll width: 190 mm
- · Made from recycled material



Two-Ply Blue Roll

Ref: **F4P2PBR150M** (150 Meters)

- General purpose, highly absorbent paper roll
- Roll length: 150 m
 - Roll width: 170 mm
- Made from recycled material





PVC Strip Connectors

A strip of 12 transparent flexible polyurethane connectors with brass inserts and chrome plated steel terminal screws.

- Maximum continuous operating temperature: 80°C
- Supplied in shrink wrapped packs

Ref	240V Rating	Clamp Area	Hole Dia.	Pack Qty
2A	2A	4mm ²	2.8mm	20
5A	5A	6mm ²	3.6mm	20
15A	15A	10mm ²	4.2mm	20
30A	30A	16mm²	5.5mm	10
60A	60A	25mm ²	7.9mm	10



Certified Strip Connector

A strip of 12 white easy snap European CE branded quality connectors with brass inserts and chrome plated steel terminal screws.

- Maximum continuous operating temperature: 80°C
- Supplied in shrink wrapped packs
- · Screws terminals come already opened

Ref	240V Rating	Clamp Area	Hole Dia.	Pack Qty
2ACE	2A	4mm ²	2.8mm	10
5ACE	5A	6mm ²	3.6mm	10
15ACE	15A	10mm ²	4.2mm	10
30ACE	30A	16mm ²	5.5mm	10
60ACE	60A	25mm ²	7.9mm	10



F4P Coloured Heat Shrink Pack

Suitable for electrical insulation and bonding of cables and connectors, as well as corrosion proofing metallic rods, tubes and aerials.

- Minimum 2:1 shrink ratio
- Colours included: black, blue, brown, grey, green/yellow
- Shrink temperature: 90°C
- Continuous operation temperature: -55°C to +125°C
- Flame retardant
 UI_VW-1_F-mark
- Resistant to common fluids and solvents
- Approved to UL 224 VW-1

Ref	Size
F4PHSP4824	4.8 - 2.4mm
F4PHSP10050	10.0 - 5.0mm
F4PHSP7030	7.0 - 3.0mm
F4PHSP190100	19.0 - 10.0mm



PVC Cable Grommets

Available in open and blanking versions.

Open Grommets

Ref	Description	Pack Qty
16MMO	Ø16mm - OPEN	100
20MMO	Ø20mm - OPEN	100
25MMO	Ø25mm - OPEN	100
32ММО	Ø32mm - OPEN	50



Ref	Description	Pack Qty
16MMB	Ø16mm - BLANKING	100
20MMB	Ø20mm - BLANKING	100
25MMB	Ø25mm - BLANKING	100
32MMB	Ø32mm - BLANKING	50





Classic Open Grommets

The 20MMOCLASSIC gives the installer a choice. It's quite simple – go for the standard option in a 20MMO (which has a squared edge), or choose the more classical design with a rounded edge.

Ref	Description	Pack Qty
20MMOCLASSIC	Ø20mm - OPEN	100







Fast Fit PVC Cable Grommets

Fast Fit Grommets - designed to save the installer time and money.

The product adopts a non symmetrical profile, which has a tapered end. Simply plug and go!

• Non symmetrical profile

Ref	Description	Pack Qty
SG20MMO	Ø20mm - OPEN	100

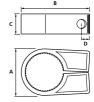


Clingstrap Cable Cleats

Suitable for SWA and heavy duty cables.

A comprehensive range of single fixing cable cleats to provide a simple, but strong means of securing cables. Suitable for SWA and Heavy Duty Cables.





Ref	Cable Diameter Ø (mm) Minimum	Cable Diameter Ø (mm) Maximum	Stud Hole Size	A Dim (mm)	B Dim (mm)	C Dim (mm)	D Dim (mm)	Box QTY
NO.3	5	7.6	M6	12	25	15	6	50
NO.4	7.7	10.0	M6	14	27	15	7	100
NO.5	10.1	12.7	M6	16	29	15	8	100
NO.6	12.6	15.2	M6	19	32	15	8	100
NO.7	15.1	17.8	M6	23	36	16	8	100
NO.8	17.7	20.3	M6	24	38	19	8	100
NO.9	20.2	22.8	M6	27	42	19	8	100
NO.10	22.7	25.4	M6	31	45	19	8	100
NO.11	25.3	27.7	M6	33	50	22	9	50
NO.12	27.6	30.5	M10	38	58	24	11	50
NO.14	30.4	35.5	M10	44	64	25	11	50
NO.16	35.4	40.6	M10	49	70	25	11	20
NO.18	40.5	45.7	M10	53	74	25	11	20
NO.20	45.6	50.8	M10	57	80	26	11	20

Galvanised Steel Banding

Pre-punched steel banding ideal for fixing, supporting joists and general construction.

- · Highly versatile multi-purpose fixing band
- Easy to cut and bend
- Pre-punched Ø5mm hole pattern for easy fixing using nails, screws or bolts
- Coil length: 10 meters
- 0.8mm thickness
- 12mm and 17mm width options
- · Available as plain finish, or with black PVC coating

Ref	Description
F4PGSB12	10m Coil 12mm Galvanised Steel Band
F4PGSB12PVC	10m Coil 12mm Steel Band - PVC coated
F4PGSB17	10m Coil 17mm Galvanised Steel Band
F4PGSB17PVC	10m Coil 17mm Steel Band - PVC coated









Earth Clamps

Designed to BS 951:1986, made from zinc treated copper or phosphor bronze and supplied with appropriate coloured safety label.

These earth clamps are colour coded:

- RED to indicate use in dry areas (Copper)
- BLUE for corrosive conditions (Phosphor bronze)
- GREEN to be used in humid conditions (Phosphor bronze)



Ref	Terminal Rating	Maximum Earth Area	Length	Colour	Pipe Size	Pack Qty
TEC14	2.5 - 10mm ²	1 - 10mm²	132mm	Red	12 - 32mm	20
TEC15	2.5 - 10mm ²	1 - 10mm²	132mm	Blue	12 - 32mm	20
TEC16	2.5 - 16mm ²	2 - 10mm²	132mm	Green	12 - 32mm	20

Connector Blocks

Heavy duty service connector blocks for use at meter and mains positions. Available in single and double pole versions.

- · Black urea phenolic construction
- · Easy knockout entries
- · Lids can be sealed for security
- Up to 100A 5 x 35mm² cables per pole
- 250V~50Hz
- Conforms to BS EN 60998-1:2004 & BS EN 60998-2-1:2004

 Ref
 Capacity
 Max Conductor
 Size

 SPCB100F
 100A
 35mm²
 65 x 42 x 35mm

 DPCB100F
 100A
 35mm²
 99 x 62 x 64mm





Self Adhesive Cable Clips

Flat self adhesive cable clips are ideal for use on metal surfaces, engineering bricks, plastics or any flat, clean surface. Galvanized mild steel with cross-linked, acrylic adhesive coating.

- Labour saving time and cost, no drilling or nailing required
- Safety enhancing minimises dust, sparks, vibrations, noise, etc
- · Use where holes are not a viable choice
- Adheres to many clean flat surfaces (steel, UPVC, aluminium, glass, RSJ's, racking, single skin structures, etc)

Ref	Max Cable Diameter	Size	Pack Qty
SAF1	4mm	20 x 30mm	100
SAF2 8mm		25 x 37mm	100
SAF3 12mm		32 x 44mm	100
SAF4	SAF4 16mm		100



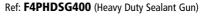


400ml Sealant Guns

Non-drip sealant guns boasting a host of features. Suitable for 310ml and 400ml cartridges

Ref: F4PSG400 (Non-Drip Sealant Gun)

- Non-drip
- Built-in tip cutter
- · Sealant puncture tool
- Finger guard
- 400ml tube capacity
- Hexagonal drive bar for improved control
- Open end for easy installation/ extraction of cartridges



- Non-drip
- Iron trigger
- Integrated puncture tool
- Finger guard
- 400ml tube capacity
- Open end for easy installation/extraction of cartridges
- Aluminium alloy handle





Plasterboard / Metal Fixings

Ref: MPF (Metal Plaster Board Fix)

Self drilling fixings for use in plasterboard, supplied in boxes of 100.

- Flush fitting
- · Flange prevents accidental push through in plasterboard
- Short length ideally suited for dry-lined walls
- · Installation with a standard screwdriver bit means that no special setting tool is required
- Sharp, self-tapping thread eliminates need for preliminary drilling
- c/w 1¼" x 8 screws



Extension Leads, c/w Neon

A range of standard trailing sockets suitable for a variety of domestic and commercial indoor power solutions.

Ref	Description	Capacity	Length	Colour	Indicator
413TSL	4 Gang Trailing Socket	13A 240V	2mm	White	Neon
613TSL	6 Gang Trailing Socket	13A 240V	2mm	White	Neon







413TSL

613TSI

Surge Protected Extension Leads

- Suitable for a variety of domestic and commercial indoor power solutions
- · 2m Cable and plug
- · Surge protected

Ref	Description	Capacity	Length	Colour	Indicator
4EXTSP	4 Gang Surge Protected Trailing Socket	13A 240V	2mm	White	Neon
6EXTSP	6 Gang Surge Protected Trailing Socket	13A 240V	2mm	White	Neon





Cable Reels

- · Suitable for a variety of domestic and commercial power solutions
- Thermal cut-out gives extra protection

Ref	Description	Capacity	Max Current Fully Wound		Diameter
CR10104TC	10m 4 Gang Cassette Cable Reel	4 x 10A 240V	3A (720W)	10A (2400W)	3 Core 1mm ²
CRHB25134TC	25m 4 Gang Cable Reel	4 x 13A 240V	5A (1200W)	13A (3120W)	3 Core 1.25mm ²
CR50134TC	50m 4 Gang Cable Reel	4 x 13A 240V	13A (3120W)	5A (1200W)	3 Core 1.25mm ²



CR10104TC





CRHB25134TC

CR50134TC



3 Pole Junction Box

Ref: THB110

Provides a convenient, easy-to-use, safe and discreet solution for use in the home, office and workshop.

Ideal for concealed and fitted furniture lighting, security systems and a multiple of commercial and domestic cabling applications.

Specification:

- Voltage rating: 450V
- Current rating: 17.5A
- · Nominal cable:
 - Maximum conductor size: 1.5mm² Diameter: 6 - 9.5mm
- · Pack quantity: 50

- Splash proof to IP44
- Tamper Resistant
- Integral Cable Clamps
- Keyhole Screw-fit
- 450V, 17.5A Rating



TEE-TUBE Pole Connector

A highly versatile, IP68 rated cable connector (tested at 5 bar) for use with circular profile cables, indoors or outdoors.

The product is quick and easy to assemble and the internal 3 Pole or 5 Pole cylindrical terminal block has terminal markings on both ends to assist in quick on site wiring and installation. The high IP rating enables it to be used in a variety of different applications, including underwater and underground.

- 2/5 part gland body sealing ring
- · Tough, robust construction
- Weatherproof IP68 rated to 5 Bar
- Temperature rating of -40°C to +125°C
- Construction: Nylon PA66/PA6



Cable Diameter Range

(3 Pole) 5 to 8mm with Inner & Outer Seal/5 to 13mm with Outer Seal Only (5 Pole) 8 to 12mm with Inner & Outer Seal/12 to 17mm with Outer Seal Only

Ref	Description	Length (mm)	Dia Ø (mm)
THT300/BLK	3 Pole TEE-TUBE (M20)	115	26.5
THT500/BLK	5 Pole TEE-TUBE (M25)	115	26.5



F4P 16A 5-9mm In-Line Connector IP68

Ref. F4PINLINEC

- · Ideal for temporary connections are required for power
- Suitable for domestic and commercial applications. such as outside lighting, heating and water pumps
- · Tested to IP68. 2 bar for 30 minutes (Note: Not Submersible)
- · Offer quick and easy power connection without any tools
- Suitable for cables with a diameter between 5 9mm



In-Line Strip Connector Box

Ref: TECBOX

TECBOX In-line connector for 2, 5 & 15 Amp strip connectors. Supplied with 2 x cable clamps and 5 x screws. Fixing centres: 104mm



TEEBOX® Splitter/Junction Boxes

A unique range of versatile cable splitter/junction enclosures, intended for use with circular profile cables. It is supplied as a convenient, complete, ready to use kit, so there are no additional fittings to find.

The versatility of the TEEBOX® makes it ideally suited to a wide range of industrial, commercial and domestic cabling applications, such as extension lighting circuits, display stands, office and built-in furniture, studio equipment, and a host of others, either indoors or outdoors. Can be fitted direct to wood, brickwork etc.

- IP67 Rated
- Accommodates cable diameters from 4mm to 9.5mm
- Current rating: 24A
- Voltage rating: 450V
- Temperature range: 20 to +100°C
- Insulation material: Nylon UL94 V0

Kit Contents:

- TFFBOX® enclosure
- Hinged lid with a tamper resistant snap-shut action 3 pole terminal block
- Barrier inserts for easy cable installation

	•	Seal	s and	loc	king	caps	
--	---	------	-------	-----	------	------	--

Ref	Description	Pack Qty
THK200/3B 3 Pole TEEBOX, Black finish		25







F4P Cable Rods & Accessories

Ref: F4PROD

Aimed at electricians, the F4P rod kit is perfect for installing cable into awkward areas such as cavity walls, under floors and through walls. Push or pull cable into place through holes as small as 8mm with controlled flexibility.

Kit Contents:

- 10 x 1 meter, 4mm rods
- Accessory pack: Tuff Hook / 175mm Flexi-lead / Domed bullet
- · High abrasion resistance
- · 100kg tensile strength
- · Robust storage tube
- Tested in accordance to ISO 9001

















PVC Electrical Insulation Tape

Flame retardant, self extinguishing. Conforms to BS 3924 31/90TP and IEC 454-3-1.

Roll size: 19mm x 33 metres
• Shrink wrapped in packs of 10

• Box quantity: 200

Ref: **BLKT** (Black PVC Tape)



Ref: BRT (Brown PVC Tape)



Ref: RT (Red PVC Tape)



Ref: WT (White PVC Tape)



Ref: **GYT** (Green/Yellow PVC Tape)



Ref: **YT** (Yellow PVC Tape)



Ref: **GRT** (Grey PVC Tape)



Ref: **BLT** (Blue PVC Tape)



Ref: **GT** (Green PVC Tape)



PVC Electrical Insulation Tape Multi-Packs

Ref: F4PMT20M (Roll size: 19mm x 20 metres)

Contents: Standard Multi pack

- 2 x White
- 2 x Black
- 2 x Brown
- 1 x Red
- 1 x Blue
- 1 x Green/Yellow
- 1 x Yellow

Ref: **F4PPT20M** (Roll size: 19mm x 20 metres)

Contents: Phase Multi pack

- 2 x Black
- 2 x Brown
- 2 x Blue
- 2 x Grev
- 2 x Green/Yellow





Self Amalgamating Tape

Ref: SAT9

For extruding power cables up to Um 72 kV, both buried and aerial, for indoor and outdoor applications.

Black rubber based self-amalgamating compound in tape form.

Ideal for insulation build up, filling voids and irregular shapes in joints, as well as providing moisture-proof seals on telecommunications cables, insulation and cable sheaths, joints and terminations and split bolt connections.

- Excellent comfortability
 easily compressed and moulded by hand
- Dielectric strength 16 kV/mm
- Will not corrode copper
- Roll size:
 25mm x 10 metres



Cable Warning Tape

Ref: CWT

A non-adhesive, heavy gauge polyethylene tape printed with a warning text to identify to future excavators the potential danger of the cable below.

Underground warning tapes should be installed within the trench half way between the cable and the surface.

- Reads "CAUTION ELECTRIC CABLE BELOW"
- Resistant to acids and alkalines
- · Colour: Yellow tape with black print
- Roll size: 150mm x 365 metres





3 Pole Junction Box

Ref: THB110

Provides a convenient, easy-to-use, safe and discreet solution for use in the home, office and workshop.

Ideal for concealed and fitted furniture lighting, security systems and a multiple of commercial and domestic cabling applications.

Specification:

- Voltage rating: 450V
- Current rating: 17.5A
- · Nominal cable:
 - Maximum conductor size: 1.5mm² Diameter: 6 - 9.5mm
- · Pack quantity: 50

- Splash proof to IP44
- Tamper Resistant
- Integral Cable Clamps
- Keyhole Screw-fit
- 450V, 17.5A Rating



TEE-TUBE Pole Connector

A highly versatile, IP68 rated cable connector (tested at 5 bar) for use with circular profile cables, indoors or outdoors.

The product is quick and easy to assemble and the internal 3 Pole or 5 Pole cylindrical terminal block has terminal markings on both ends to assist in quick on site wiring and installation. The high IP rating enables it to be used in a variety of different applications, including underwater and underground.

- 2/5 part gland body sealing ring
- Tough, robust construction
- Weatherproof IP68 rated to 5 Bar
- Temperature rating of -40°C to +125°C
- Construction: Nylon PA66/PA6



Cable Diameter Range

(3 Pole) 5 to 8mm with Inner & Outer Seal/5 to 13mm with Outer Seal Only (5 Pole) 8 to 12mm with Inner & Outer Seal/12 to 17mm with Outer Seal Only

Ref	Description	Length (mm)	Dia Ø (mm)
THT300/BLK	3 Pole TEE-TUBE (M20)	115	26.5
THT500/BLK	5 Pole TEE-TUBE (M25)	115	26.5



F4P 16A 5-9mm In-Line Connector IP68

Ref. F4PINLINEC

- · Ideal for temporary connections are required for power
- Suitable for domestic and commercial applications. such as outside lighting, heating and water pumps
- · Tested to IP68. 2 bar for 30 minutes (Note: Not Submersible)
- · Offer quick and easy power connection without any tools
- Suitable for cables with a diameter between 5 9mm



In-Line Strip Connector Box

Ref: TECBOX

TECBOX In-line connector for 2, 5 & 15 Amp strip connectors. Supplied with 2 x cable clamps and 5 x screws. Fixing centres: 104mm



TEEBOX® Splitter/Junction Boxes

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- Accommodates cable diameters from 4mm to 9.5mm
- · Current rating: 24A
- Voltage rating: 450V
- Temperature range: 20 to +100°C
- Insulation material: Nylon UL94 V0
- Hinged lid with a tamper resistant snap-shut action 3 pole terminal block
- Barrier inserts for easy cable installation

Kit Contents:

- TFFBOX® enclosure
- Seals and locking caps
- Ref Description Pack Qty THK200/3B 3 Pole TEEBOX, Black finish 25







F4P Cable Rods & Accessories

Ref: F4PROD

Aimed at electricians, the F4P rod kit is perfect for installing cable into awkward areas such as cavity walls, under floors and through walls. Push or pull cable into place through holes as small as 8mm with controlled flexibility.

Kit Contents:

- 10 x 1 meter, 4mm rods
- Accessory pack: Tuff Hook / 175mm Flexi-lead / Domed bullet
- · High abrasion resistance
- · 100kg tensile strength
- Robust storage tube
- Tested in accordance to ISO 9001















F4P Litre Bottles of Magic Gel & Mixing Jug

NON TOXIC • NO GLOVES REQUIRED • IP68 RATED

Ref: MAGIC GEL

Transform any standard enclosure into an IP68 connection in 10 minutes at room temperature with Magic Gel kits.

- · Insulating and sealing gel
- Quick cross linking (only 10 minutes)
- Operating temperature: 60/+200°C
- · Low viscosity
- · Re-enterable after long working periods
- No shelf-life
- Very high dielectric characteristics
- Dielectric strength: >23 kV/mm
- Volume resistivity: $> 2.10^{15} \Omega$ cm















Add bi-component gel in a 1:1 ratio

Mix for 15-30 secs

After 10 minutes. IP68 seal is created

F4P 2 x 150ml Bottles of Magic Gel

Ref: MAGIC GEL 300

Transform any standard enclosure into an IP68 connection in 10 minutes at room temperature with Magic Gel kits.

A smaller kit containing 2 x 150ml bottles of Magic Gel liquid.

- Add bi-component gel in a 1:1 ratio
- Mix for 15-30 secs
- After 10 minutes, IP68 seal is created

NOTE: Spatula and mixing jug are not included with this product.















F4P Adaptable Box with Glands & Magic Gel

Ref: MAGIC BOX 100

Magic Box is suitable for any kind of installation - can be used underground, full submerged or directly exposed to the weather. The kit contains enough gel to fill the robust, highly flame retardant box completely.

- PG 7 to 21
- M12 x 1.25 to M25 x 1.5
- 100 x 100 x 50mm Box
- 3 x M25 x 1.5 glands
- · Robust, highly flame retardant box
- Able to absorb external shock without fracturing
- Also suitable for vertical filling





Magic Gel 10 Litre 10,000

Ref: MAGIC GEL 10000

Saving more on large projects when using Magic Gel.

All the same attributes as the standard Magic Gel kit, except is supplied in 2 x 5 litre drums. A massive 10 litre kit!







Pot & Putt or Pour & Cure!

What makes the product so unique? Not only can it be used in two different ways, either as a traditional potting compound poured into an enclosure or as an IP68 gel putty (by letting the gel cross link first) but the gel is re-useable and re-enterable saving time and money!

The Pot/Pour: You can use Magic Power Gel in the traditional method by simply pouring into an enclosure to seal and protect the connections inside. The gel will only take 15 minutes to cross link but the enclosure can be energised immediately!

The Putt/Cure: Pour the Magic Power Gel into the container provided and let it cross link (approx 15 minutes). Pull out and tear into small pieces packing the enclosure making sure you have completely covered all terminals and connections to a level slightly above the enclosure walls and then replace lid. Of course if you have some left over from another job you could always use that.

















Magic Power Gel 250, 500 & 1ltr

Ref: MAGIC POWER GEL 250

An even smaller kit containing a 250ml bi-component bottle of Magic Power Gel liquid.

Kit Contents:

- Bi-compartment bottle (2 x 125ml)
- IP68 insulating and sealing gel
- Single compact bottle, convenient twin compartment



A half sized kit containing a 500ml bi-component bottle of Magic Power Gel liquid.

Kit Contents:

- Bi-compartment bottle (2 x 250ml)
- Measuring/mixing jug











Removal







F4P 1 x Litre Bottle Magic Power Gel

Ref: MAGIC POWER GEL

An enhanced version of the standard product, Magic Power Gel is a re-usable, re-enterable, self amalgamating IP68 jointing gel.

Magic Power Gel is a unique versatile 1:1 bi-component self-amalgamating gel in an innovative dual compartment bottle that provides fully submersible IP68 degree of protection (in proper casing).

- · Strong self amalgamating characteristics
- Re-usable as well as re-enterable, even after long working periods
- No waste produced
- Non toxic
- Dielectric strength: >23 kV/mm
- Fast cross linking (approx 15 minutes at 25°C) with now exothermic reaction
- Volume resistivity: $> 2.10^{15} \Omega cm$
- The product cross links also at low temperature
- Working temperature: From -60°C to +200°C
- Overload temperature for short periods: up to 250°C
- · No shelf life
- High dielectric and thermal characteristics
- · Fungal and UV stabilised

Kit Contents:

- Bi-component bottle (2 x 500ml)
- Measuring/mixing jug
- Spatula





Mini Gel-Filled Boxes

A simple way to bring indoor connectors outdoors. Pre-filled IPX8 gel boxes for sealing, protecting and making safe electrical connections.

- Suitable for use with commonly used connectors
- Ideal for civil, household and industrial connections
- Can be used in submerged applications
- · Non-toxic gel with no shelf life

- · Versatile and ready to use
- IPX8 protection
- Installation temperature: -40°C to +50°C
- Rating: 0.6/1kV

Ref: F4PKELVIN

- 52 x 53 x 29mm
- · Pack quantity: 1



max 3 wires max 6mm²



max 3 wires max 6mm²

Ref: F4PWATT

- 30 x 42 x 26mm
- Pack quantity: 2



max 5 wires max 4mm²



max 3 wires max 2.5mm²

Ref: F4PPASCAL

- 36 x 37 x 26mm
- Pack quantity: 2



max 3 wires max 2.5mm²



max 5 wires max 2.5mm²



max 3 wires max 1.5mm²

Ref: F4PISAAC

- 30 x 27 x 23mm
- Pack quantity: 4



max 2 wires max 2.5mm²



max 3 wires max 4mm²



max 2 wires max 2.5mm²





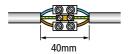
Gel Choc Box Joints

Ref: F4PGELBOX

- Reusable 0.6/1kV rapid gel filled joints
- Ready to use, no resin to mix and no hardening time



- Pack of 3 Gel Joints
- Suitable for cables 3 x 1 to 4mm²
- Dimensions: 61 x 35 x 28mm
- CEI EN 50393, CEI 20-33









Re-usable 0.6/1kV Rapid-Gel Filled Joints. Ready to use, no resin to mix and no hardening time needed. Non-toxic, no shelf life, easy re-entry, fully sealed. Once closed, the internal connection is immediately blocked.

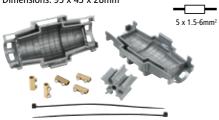
An extremely compact accessory that is suitable for resolving insulation and sealing problems and is placed in safety by connections made with "chocolate blocks" strips or spiral connections. Supplied complete with 4mm² "chocolate block" for quick and safe conductor connections.

F4P Rapid Straight Through Gel Joints

- For 0.6/1 kV cables up to 5 cores
- For straight and branch connections also on armoured cables
- · Complete with screw connectors
- Equipped with 5 section spacer for proper centring of the 5 core connection

Ref: F4PKJO

Featuring easy fix cable connection system
Dimensions: 95 x 43 x 28mm



CEI EN 50393, CEI 20-33 Class 2 (CEI 64-8), CEI 20-35, IEC 60332-1, CENELEC HD 405-1

- Suitable also for crimped connectors
- · Re-accessible and with no shelf life
- Non toxic and safe
- Flame retardant
- For all types of application, including submersible

Ref: F4PKJ1

Featuring easy fix cable connection system Dimensions: 150 x 56 x 30mm





CEI EN 50393, CEI 20-33 Class 2 (CEI 64-8), CEI 20-35, IEC 60332-1, CENELEC HD 405-1



Wonder Gel Insulating Gel

Ref: F4PWONDER GEL

Single component IP68 gel in a cartridge dispenser, ready for immediate use. No waste, no mixing and no waiting time.

- · Ready to use gel
- Operating temperature -60 to +200°C
- Dielectric strength >23 kV/mm
- · Does not solidify when opened

- No shelf life
- Ingress protection IP68 when used in correct casing
- c/w preserving nozzle cap
 - 280ml tube





For insulation and sealing of CCTV feeding boxes, as well as incoming ducts and pipes. Prevents intrusion of moisture, small animals and insects, thus increasing the reliability of the alarm systems!



Protection from corrosion, oxidation and to prevent sulphation on exposed connections on busbars, or earth connection systems, allowing the bolts always able to be easily unscrewed.



When insulation and sealing of connection boxes has to be performed in hard to reach positions, avoiding the product dripping; also for specific areas such as the food industry where Wonder Gel characteristics are of particular importance in order to prevent potential contamination of food or working areas.



The easiest and most reliable way to insulate and seal connection boxes in the worst possible conditions. Thanks to its superior characteristics, Wonder Gel can be used in ambient temperatures of -40 to +110°C. This makes installation and maintenance possible in even the most extreme temperatures like working refrigerators or hot ovens!

Magic Gel Joints

Ref: MJ10ARM4C10 (10mm² 4 Core Joint Kit) Ref: MJ25ARM4C1625 (25mm² 4 Core Joint Kit)

Magic Cable Joints utilize a unique bi-component "Magic Gel". Supplied in a two component bag, the liquid forms an IP68 gel at room temperature in 10 minutes.





This offers a quick jointing solution which may be re-entered easily after long periods of time. The whole process is carried out in the same way as a traditional resin joint to avoid confusion.





Premium Cable Joint Kits

Cable Joint Selection Chart

Kit required

Main Cable (mm²)	No. of Cores	Through Joint	Branch Joint	Max Branch Cable (up to 4 Core)
1.5	2	CM0+C	MB6+C	2.5mm ²
1.5	3	CM0+C	MB6+C	2.5mm ²
1.5	4	CM0+C	MB6+C	2.5mm ²
2.5	2	CM0+C	MB6+C	2.5mm ²
2.5	3	CM0+C	MB6+C	2.5mm ²
2.5	4	CM0+C	MB6+C	2.5mm ²
4	2	CM0+C	MB6+C	6mm ²
4	3	CM0+C	MB6+C	6mm ²
4	4	CM0+C	MB6+C	6mm ²
6	2	CM0+C	MB6+C	6mm ²
6	3	CM0+C	MB6+C	6mm ²
6	4	CM0+C	MB6+C	6mm ²
10	2	CM0+C	MB6+C	25mm²
10	3	CM1+C	MB16+C	25mm ²
10	4	CM1+C	MB16+C	25mm²
16	2	CM1+C	MB16+C	25mm ²
16	3	CM1+C	MB16+C	25mm²
16	4	CM1+C	MB35+C	25mm²
25	2	CM1+C	MB35+C	25mm²
25	3	CM2+C	MB35+C	25mm ²
25	4	CM2+C	MB35+C	25mm ²
35	2	CM2+C	MB35+C	35mm ²
35	3	CM3+C	MB35+C	35mm²
35	4	CM3+C	MB35+C	35mm²

Main Cable (mm²)	No. of Cores	Through Joint	Branch Joint	Max Branch Cable (up to 4 Core)
50	2	CM2+C	MB35+C	35mm²
50	3	СМ3+С	MB70+C	35mm²
50	4	СМ3+С	MB70+C	35mm²
70	2	СМ3+С	MB70+C	35mm²
70	3	СМ3+С	MB70+C	35mm²
70	4	СМ3+С	MB70+C	35mm²
95	2	СМ3+С	MB70+C	35mm²
95	3	СМ3+С	MB120+C	35mm²
95	4	СМ3+С	MB120+C	35mm²
120	2	СМ3+С	MB120+C	35mm²
120	3	CM4+C	MB120+C	35mm²
120	4	CM4+C	MB120+C	35mm²
150	2	CM4+C	-	-
150	3	CM4+C	-	-
150	4	CM5+C	-	-
185	2	CM5+C	-	-
185	3	CM5+C	-	-
185	4	CM5+C	-	-
240	1	CM5+C	-	-
240	3	CM6+C	-	-
240	4	CM6+C	-	-
300	2	CM6+C	-	-
300	3	CM6+C	-	-
400	2	CM6+C	-	-

Cable Joint Resin Packs

Two-part polyurethane resin packs. Material safety data sheet available on request.

Ref	Description
JCR01	200ml Resin Pack
JCR02	350ml Resin Pack
JCR03	450ml Resin Pack
JCR04	750ml Resin Pack
JCR05	1.2 litres Resin Pack
JCR06	2 litres Resin Pack



Gel Pre-Filled Micro Joints

IP68, gel pre-filled micro joint, space-saver complete with strip connectors and with minimal aesthetic impact.

Ideal for wall, underground and submersible installations. The jointing boxes are pre-filled with a soft insulating and sealing gel with no shelf life and not classified as hazardous under CLP regulations.

- Equipped with cable glands to avoid accidental cable traction
- Complete with screw connectors
- Pre-filled with non-toxic, non-classified gel

- · Compact and ready to use
- Halogen free and UV resistant
- Re-enterable

Ref: F4PBARNEY

- Connector: 2 x 2.5 Suitability: Ø6 - 10mm
- Dimensions: 75 x 28 x 19mm

Pack quantity: 1



Ref: F4PFRED

- Dimensions: 80 x 36 x 23mm



Electrical performance: CEI EN 50393

Gel: UL 94-HB /Operating temperature: 90°C /Installation temperature: -40°C to +50°C

4 Way Gel Pre-Filled Junction Box IP68

Ref: F4PREADYBOX120

Ready to use, the 4 entry, gel pre-filled junction box, complete with connection block and glands, for 5 core cables with diameter up to 16mm. Box size 120 x 100 x 50mm

- 4 entrances, gel pre-filled junction box complete with connection block and glands
- For 5 core cables with diameter up to 16mm

· Ready to use, it can be installed in all environmental conditions

Also suitable for wet or flooded environments

- · Always re-enterable
- Pre-filled with gel, non-toxic and non-classified as hazardous under CLP
- Pre-threaded entries for cable gland mounting
- Snap shut closure, does not require screws
- · Wall or external ceiling fixing system
- Halogen free and UV resistant
- · No shelf life









Suspension Systems

Galvanised Jack Chain

Ref. JC10

A flexible, general purpose chain for a variety of applications, including the suspension of light fittings and signage.

- 3mm bright galvanised steel
- 10 metres of chain per pack
- Maximum load: 10kg

Note: Jack chain is not intended to support significant loads, or be used where failure could lead to property damage or injury.



Easy Lock Lighting Suspension Kit

Ref: F4PLSK10KG

- Featuring the NEW unique quick adjustment clutch
- No need for a setting key
- Safe working load 10kg

Kit includes:

- 2 Clutches
- 2 x 3m cables



Step 1: Push the spring loaded button and hold A insert cable

and cable is locked

Step 2: Release Button Step 3: Push the button and hold to adjust or remove cable



Spares & Accessories

Ref	Description
F4PEL2-30	Easy Lock clutches - Pack of 30- Supplied with 2 x setting keys
F4PEL2-50	Easy Lock clutches - Pack of 50 - Supplied with 2 x setting keys
F4PELSP100	100m x Ø2mm Easy Lock wire rope - Supplied on a drum



Easy Lock Hanging System

Ref: F4PEL30

An all-in-one hanging system supplied in a handy storage and dispenser pack.

- · Versatile on-demand suspension kit
- · Contains: 30 Easy Lock locks and 100m x Ø2mm multi-purpose wire rope
- 45kg safe working load
- · 5:1 safety factor
- · Install vertically or at angles
- · Adjustable and lightweight
- · Carbon friendly alternative









Standard Plugs / 13A Rubber Plugs

Manufactured to BS 1363 Part 3:1995. Standard white finish.

Ref: 13PTS

- 13 Amp
- 3 Pin
- Box quantity: 20



Ref: **F4PRPTB** (Black)
Ref: **F4PRPTW** (White)

• c/w clamp type cord grip





F4P Rubber Trailing Sockets - 1 Gang 13A & 2 Gang 13A



Ref: **F4PRTSB/2** (Black) Ref: **F4PRTSW/2** (White)



10A 3 Pin Rubber Connectors

Ref: F4PNC10/3B (Black)
Ref: F4PNC10/3W (White)



BC Ceiling Lighting Pendant

Ref: **F4P6T2**

- BC/B22 socket
- Pre-wired with 6" of white cable
- Boxed in quantities of 10 (poly bagged)
- Manufactured to EN60598-2-1:1989 and EN 60598-1:2004+A1:2006

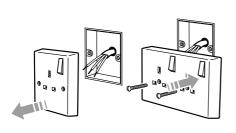


Wiring Accessories

Twin Socket Converter

Ref: TSSC

Easily converts a single socket into a double switched socket. Comes with 2 x M3.5 screws to fit existing wall box, conforms to BS 1363.





Socket Adaptors

Manufactured to BS 1363 Part 3:1995. Standard white finish.

Double Adaptor

Ref: **BO1**

- 13 Amp
- · Box quantity: 20
- 2 way



Triple Adaptor

Ref: BO3

- 13 Amp
- Box quantity: 20
- Neon indicator
- 3 way



Shaver Adaptor

Ref: BO4

- 1 Amp
- Box quantity: 20
- Fused





Wiring Accessories

RCD Fused Metal Clad

A range of 240V wiring accessories featuring integrated RCD protection, (Metal Clad RCD accessories).

Ref: WPRCDFS/MC

- Metal clad fused spur
- Electrically latched needs resetting after a power loss
- Integrated RCD protection
- Rated trip current: 30mA



Ref: WPT13ARCDS/MC

Metal clad 13A twin socket



Plastic Clad RCD Socket

Ref: WPRCDFS/P

- · Plastic fused spur
- Electrically latched needs resetting after a power loss
- · Integrated RCD protection
- Rated trip current: 30mA



Ref: WPT13ARCDS/P

Plastic 13A twin switched socket



Plastic RCD 13A Safety Plugs / Adaptors

Ref: RCDAWC

- Cuts power in 30m/s when an imbalance is detected to prevent electrocution
- Approved to the latest European standards
- · Double pole protected
- Essential for use in high risk areas such as construction sites







RCDAWC



Door Chimes & Accessories

300m Wireless Door Chime Kit

Ref: F4P300MDCKITWH (White) Ref: F4P300MDCKITBL (Black)

It's very important to install and operate this product according to the following instructions, failure to do so may render your guarantee void.

The door chime kit comes complete with:

- 1 x Wireless Chime
- 1 x Push
- 1 x 3 Volts CR2032 battery for Push
- Auto-learning codes to avoid interference
- · Three stage volume control
- Compatible pushes, up to 4 pushes for 1 chime can be used simultaneously



300m Wireless Home & Garden Door Chime Kit

Ref: F4P300MHGKITWH (White) Ref: F4P300MHGKITBL (Black)

Always isolate/switch off the power before commencing any electrical work.

It's very important to install and operate this product according to the following instructions, failure to do so may render your quarantee void.

The door chime kit comes complete with:

- 1 x Plug-in Chime
- 1 x Battery Operated Chime
- Auto-learning codes to avoid interference
- Three operating settings: Chime and strobe, chime only, strobe only
- Compatible pushes, up to 4 pushes for 1 chime can be used simultaneously





Door Chimes & Accessories

Mechanical Contractor Pack Wired Door Chime Kit

Ref: F4PMDCCP

It's very important to install and operate this product according to the following instructions, failure to do so may render your quarantee void.

The door chime kit comes complete with:

- · Traditional 'Ding Dong' quality sound
- · Matt finish door chime
- 1 x Chime
- 1 x Mechanical Push
- 5 metres of Cable
- 1 x Transformer



Wired Mechanical Push / Wall Mounted Bell Transformer

Ref: F4P-MPWH

• Current: ≥1A

Output Voltage: 8-12V

• Dimensions: 24.5 x 17 x 55mm





180 Piece Essential Fuse Kit

Ref: **F4PFK180**

A flip-top case containing 18 lots of 10 of the most popular plug top BS 1362 and glass fuses available.





Standard 13A **Plug Fuse** • 10 x 3A



Standard 13A **Plug Fuse**

• 10 x 5A



Standard 13A **Plug Fuse**

• 10 x 13A



Fast Acting Glass 5x20mm Fuses

- 10 x 500mA
- 10 x 1A
- 10 x 2A
- 10 x 2.5A
- 10 x 3.15A
- 10 x 5A



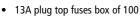
Slow Blow Glass 5x20mm Fuses

- 10 x 1A
- 10 x 5A 10 x 6.3A
- 10 x 1.25A 10 x 1.6A
- 10 x 10A
- 10 x 2A
- 10 x 2A 10 x 2.5A
- 10 x 2.5A 10 x 3.15A
- 10 x 3.15A

Plug Top Fuses

Ref: F4P3APTF Ref: F4P10APTF Ref: F4P13APTF Ref: F4P5APTF

- 3A plug top fuses box of 100
- 5A plug top fuses box of 100
- 10A plug top fuses box of 100







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		CM4+C		F4PHDTECHCASE	
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Conditions of Sale

1. Interpretation

In these Conditions, the following words shall have the following meanings: Buyer means the person, firm or company who places an Order with the Seller; Customer Agreement means the Credit Account Application overleaf and any and all agreements made between the Buyer and the Seller for the supply of Goods. Goods means any goods (or instalment or part thereof) howsoever ordered by the Buyer

Guarantee means the guarantee embedded in the Seller's Credit Account Application Guarantor means the person who enters into the Guarantee embedded in the Seller's Credit Account Application.

Order means any order sent to the Seller by the Buyer for the supply of Goods and/or

Seller means Lancaster Holdings Ltd (CRN-11089637) whose registered office is at Georgina Mackie House, 141 Farmer Ward Road, Kenilworth, Warwickshire CV8 25U; Services means any services (or instalment or part thereof) howsoever ordered by the Buyer from the Seller.

A reference to a particular law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.

- An Order shall be accepted entirely at the discretion of the Seller and if accepted will only be accepted on the basis of these Conditions which shall (together with such conditions as may be expressly incorporated by reference herein or as may be agreed in writing by the Buyer and the Seller) form the entire agreement between the Buyer and Seller to the exclusion of any other conditions (including any terms or conditions which the Buyer purports to apply under any purchase order, confirmation of order, specification or other
- Each Order which the Seller accepts (by way only of issue of the Seller's standard order acknowledgement form or on delivery of the Goods and/or performance of the Services (as the case may be) to the Buyer's address shown in the Order) shall constitute a separate legally binding contract between the Seller and the Buyer.
- No addition, variation or substitution of these Conditions shall bind the Seller or form any part of any contract unless expressly accepted in writing by an authorised representative of the Seller
- The Seller's employees or agents are not authorised to make any representations with regard to the subject matter of any contract between the Seller and the Buyer. In entering into a contract with the Seller, the Buyer acknowledges that if it relies on any representation, advice or recommendation given by the Seller, its employees or agents to the Buyer as to the Goods and/or the Services (as the case may be) it does so entirely at the Buyer's own risk.

- The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms of any Order and specification submitted by the Buyer and for checking and ensuring the accuracy of any order acknowledgment form issued by the Seller.
- The Buyer shall not be entitled to rely on any typographical, clerical or other error or omission in any sales literature, quotations, price-list, acceptance of offer, invoice or other document or information issued by the Seller which the Buyer acknowledges shall not form part of or be incorporated by reference into any contract between the Seller and the Buyer Any such error or omission shall be subject to correction without any liability on the part of the Seller.
- The Seller reserves the right to make changes in the specification of the Goods and/or the Services (as the case may be) which are required to conform with any applicable statutory or regulatory requirements and which do not materially affect quality or performance.
- If the Goods are to be manufactured or any process is to be applied to the Goods by the Seller in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Seller against all loss, damages costs and expenses awarded against or incurred by the Seller in settlement of any claim for infringement of any patent, copyright, design, trade mark or other industrial or intellectual property rights of any other person which result from the Seller's use of the Buyer's specification

Price of Goods and Services

- The price for the Goods and/or the Services (as the case may be) shall be-
- the Seller's price set out in the Seller's quotation issued to the Buyer; or
- in the absence of any such quotation, the Seller's standard price for the Goods or Services (subject to any discount in accordance with clause 4(g)); Any prices quoted are valid for only 30 days from the date of quotation or until earlier acceptance by the Buyer, after which they may be altered by the Seller without giving notice to the Buyer.
- Any quotation or estimate given by the Seller is an indication given in good faith and shall not become binding upon the Seller unless subsequently confirmed by the Seller in writing.

 All prices quoted are based on information available at the date of quotation and the
- Seller reserves the right to vary prices at any time without notice prior to the date of issue of the relevant invoice and the price payable by the Buyer shall be the price applicable at the date of the invoice
- Unless otherwise stated, the price of the Goods and/or the Services (as the case may be) is exclusive of VAT and any other taxes and the cost of carriage and any other matters all of which the Buyer shall pay to the Seller in addition.

- In the event of any increase in cost to the Seller which is beyond the control of the Seller (including (without limitation) any increases imposed upon the Seller by its own suppliers) and/or any variation or suspension of the work which is agreed to by the Seller upon the Buyer's request, or if the Buyer's instructions are incorrect or insufficient, the Seller shall be entitled to adjust the price of the Goods and/or the Services (as the case may be) to reflect the costs involved, and to adjust delivery dates as appropriate
- The Seller shall be entitled to bring an action for the price of the Goods and/or the Services (as the case may be) or part thereof notwithstanding that delivery and/or performance may not have taken place and/or that ownership in the Goods has not passed to the Buyer.
- The Seller at its absolute discretion may decide to apply a discount in such amount as it may think fit to the price for the Goods and/or Services. The amount of any discount shall he recorded in the invoice issued to the Buyer.

- The Seller shall be entitled to invoice the Buyer for the price of the Goods and/or the Services (as the case may be) at any time prior, on or following delivery of the Goods and/ or performance of the Services (as the case may be) unless the Buyer wrongfully fails to take delivery of the Goods in which event the Seller shall be entitled to invoice the Ruver for the full amount at any time after the Seller has notified the Buyer that the Goods are ready for collection or (as the case may be) the Seller has tendered delivery of the Goods.
- Until a Credit Account has been opened by the Seller in favour of the Buyer, the Buyer shall pay the price for the Goods and/or the Services (as the case may be) on or prior to delivery and (where applicable) upon receipt of the Seller's invoice.
- The time of payment of the price shall be of the essence of any contract between the Seller
- A Buyer in whose favour a Credit Account has been opened shall, unless otherwise agreed in writing by the Seller, pay the price for the Goods and/or the Services (as the case may be) on or before the 28th day (or the next working day if the 28th day of a particular month is a Saturday or a Sunday) of the month following the date of the Seller's invoice
- No payment shall be deemed to have been received until the Seller has received cleared funds. All payments payable to the Seller under the contract between the Seller and the Buyer shall become due immediately on its termination despite any other provision.
- Where payment is not made by the due date, regardless of its other remedies, the Seller shall be entitled to (i) cancel the contract between the Seller and the Buyer or suspend any further deliveries to the Buyer; and (ii) claim interest and /or compensation for reasonable debt recovery costs under the Late Payment of Commercial Debts (Interest) Act 1998 as amended and supplemented by the Late Payment of Commercial Debts Regulations 2002.
- In the event that the Seller is, for whatever reason, unable to claim interest and/ or compensation under the Late Payment of Commercial Debts (Interest) Act 1998 as amended and supplemented by the Late Payment of Commercial Debts Regulations 2002, the Seller reserves the right to charge the Buyer interest (both before and after any judgment) on the amount unpaid at the rate of 4% (four per cent) per annum above the base rate from time to time of the Bank of England, accruing on a daily basis until payment is made in full, and for such purposes, the Buyer and the Seller agree that such rate is reasonable and reflects a genuine pre-estimate of the loss that the Seller would incur as a result of any default by the Buyer to make payment on the due date.
- If any payment is dishonoured or countermanded by the Buyer, the Seller shall have the right to charge the Buyer an administration fee of £25,00 (or such other fee as may be notified to the Buyer from time to time).
- Any claim by the Buyer that an invoice rendered by the Seller is in the incorrect amount or contains any other error must be notified to the Seller in writing within 7 days of the date of the invoice. If the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to claim that the invoice is incorrect or contains any other error whatsoever

- Delivery of the Goods shall be made by the Buyer collecting the Goods at the Seller's premises or, if some other place for delivery is agreed by the Seller, by the Seller delivering the Goods to that place.
- Any delivery date quoted is given in good faith, but the Seller shall not be responsible for any delay in delivery of the Goods and/or the performance of the Services (as the case may be) howsoever caused. Time for delivery shall not be of the essence of the contract between the Seller and the Buyer and the Seller shall not be liable for any delay in delivery
- The Seller shall be entitled to make delivery by instalments (in which case each delivery shall constitute a separate contract), and to invoice the Buyer separately for each instalment. Failure by the Seller to deliver any one or more of the instalments in accordance with these Conditions or any claim by the Buyer in respect of any one or more instalments shall not entitle the Buyer to treat the contract as a whole between the Seller and the Buyer as repudiated.
- Except in the case of delivery at the Seller's premises, the Buyer shall at its own expense use all reasonable endeavours to ensure that the Seller is able to freely access and make any deliveries to any other place for delivery at such time(s) as may be specified by the Seller. Any failure by the Buyer to comply with the provisions of this condition or to otherwise accept delivery (save upon such grounds for rejection as are specified in the law relating to the Sale of Goods) shall be deemed to be a breach of contract. Any additional costs incurred by the Seller in re-delivering the Goods (either to the originally agreed place for delivery or to such other place as may be reasonably requested by the Buyer) will be charged to the Buyer.
- The quantity of any consignment of Goods as recorded by the Seller upon despatch from the Seller's premises shall be conclusive evidence of the quantity received by the Buyer on delivery unless the Buyer can provide conclusive evidence proving the contrary.



Conditions of Sale

Notwithstanding the provisions of condition 8(e), the Seller shall not be liable for any under-delivery of Goods in whole or in part (even if caused by the Seller's negligence) unless the Buyer gives written notice to the Seller of the under-delivery within 48 hours of the date when the Goods are delivered to the Buyer (as recorded by the Seller) or, if there is no such record, when the Goods would in the ordinary course of events have been received. Any liability of the Seller for under-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata contract rate against any invoice raised for such Goods.

- Risk of damage to or loss of the Goods shall pass to the Buyer at the time of delivery.
- Notwithstanding delivery and the passing of risk in the Goods, or any other provisions in these Conditions, ownership in the Goods shall not pass to the Buyer until the Seller has received in full (in cash or cleared funds) all sums due to it in respect of the Goods and all other sums which are or which become due to the Seller from the Buyer on any account.
- Until ownership of the Goods has passed to the Buyer in accordance with these Conditions, the Buyer shall:
- hold the Goods on a fiduriary basis as the Seller's bailee
- store the Goods (at no cost to the Seller) separately from all other Goods of the Buyer or any third party in such a way that they remain readily identifiable as the Seller's property;
- not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods:
- maintain the Goods in satisfactory condition insured on the Seller's behalf for their full (iv) price against all risks to the reasonable satisfaction of the Seller (and produce the policy of insurance to the Seller on request); and
- hold the proceeds of the insurance referred to in condition 7(c) (iv) on trust for the Seller and not mix them with any other money, nor pay the proceeds into an overdrawn bank
- The Buyer may resell the Goods before ownership has passed to it solely on the following (d) conditions
- any sale shall be effected in the ordinary course of the Buyer's business at full market value and the Buyer shall hold such part of the proceeds of sale as represent the amount owed by the Buyer to the Seller on behalf of the Seller and the Buyer shall immediately account to the Seller accordingly; and
- any such sale shall be a sale of the Seller's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.
- The Buyer's right to possession of the Goods shall terminate immediately if
- the Buyer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filed with the court for the appointment of an administrator of the Buyer or notice of intention to appoint an administrator is given by the Buyer or its directors or by a qualifying floating charge holder (as defined in paragraph 14 of Schedule B1 to the Insolvency Act 1986), or a resolution is passed or a petition presented to any court for the winding-up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Buyer; o
- the Buyer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe or perform any of his/its obligations under the Contract or any other contract between the Seller and the Buyer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or the Buver ceases to trade: or
- the Buyer encumbers or in any way charges any of the Goods.
- The Buyer grants the Seller, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.
- (a) Where the Seller is unable to determine whether any Goods are the goods in respect of which the Buyer's right to possession has terminated, the Buyer shall be deemed to have sold all goods of the kind sold by the Company to the Buyer in the order in which they were invoiced to the Buyer
- On termination of the contract between the Seller and the Ruyer howsnever caused, the Seller's (but not the Buyer's) rights contained in this condition 7 shall remain in effect.
- Following the transfer of ownership of the Goods to the Buyer in accordance with these Conditions, the Buyer shall (where applicable) (i) be responsible for financing the collection, treatment, recovery and environmentally sound disposal of all WEEE (as hereinafter defined) arising or deriving from the Goods; and all WEEE arising or deriving from goods placed on the market prior to 13 August 2005 where such goods are to be replaced by the Goods and the Goods are of an equivalent type or are fulfilling the same function as that of such goods; (ii) comply with all additional obligations placed upon the Buyer by the Waste Electrical and Electronic Equipment Regulations 2006 ("the WEEE Regulations") by virtue of the Buyer accepting the responsibility set out in section (i) above; (iii) provide the Buyer's WEEE compliance scheme operator with such data, documents, information and other assistance as such compliance scheme operator may from time to time reasonably require to enable such compliance scheme operator to satisfy the obligations assumed by it as a result of the Buyer's membership of such scheme; and (iv) be responsible for all costs and expenses arising from and relating to its obligations

set out in this paragraph (except in respect of Goods which constitute gas discharge lamps, in which case an upfront and 'visible' charge will have been levied at the outset and the Buyer undertakes to contact the compliance scheme operator of the gas discharge lamp branded manufacturer to arrange compliance with the WEEE Regulations on that basis). Terms used in this Condition shall have the meaning ascribed thereto in the WEEE Regulations.

Additional Terms of Guarantee

- All sums of money which may not be recoverable from the Guarantor on the footing of the guarantee whether by reason of legal limitation on the Buyer or any other circumstance shall nevertheless be recoverable from the Guarantor as principal debtor and shall be paid
- A demand for payment or any other notice to the Guarantor may be made by any authorised officer of the Seller by letter addressed to the Guarantor and delivered to it's registered office or residential address and if sent by post shall be deemed to have been made at noon the following day after the letter was posted.
- This Guarantee shall be a continuing security and the Guarantor shall remain liable for all sums due by the Buyer notwithstanding any event which absolves the Buyer from liability. The Guarantor shall remain liable notwithstanding any alteration to the Customer Agreement or any terms applying thereto, which may be agreed between the Seller and the Buver.
- Until payment in full by the Guarantor of all sums due to the Seller by the Buyer, the Guarantor shall not be entitled to participate in any security held or money received by the Seller on account of such balance.
- This Guarantee may be terminated and the Guarantor's liability shall be fixed at the expiration of one calendar month after receipt by the Seller from the Guarantor of notice in writing to terminate it. It shall be lawful for the Seller to continue the account with the Buyer notwithstanding such termination and the Guarantor shall remain liable for any amount due at the date of termination of this Guarantee.
- The Guarantor may be released absolutely from the Guarantee upon written application to the Seller. Any such release shall be at the Seller's absolute discretion and shall be on such terms including as to the date of release that the Seller may specify. Any settlement discharge or release between the Guarantor and the Seller shall be conditional upon no security or payment to the Seller by the Buyer or any other person being avoided or reduced due to insolvency laws or otherwise.
- The Seller may at any time without giving notice to or obtaining the consent of the Guarantor refuse or grant further credit to the Buyer for any period and compound with give time for payment grant other indulgence or make any other arrangements with the Buyer, give up modify exchange or abstain from perfecting or taking advantage of or enforcing any security guarantee and discharge any parties thereto and realise any securities in such manner as the Seller may think expedient.
- All costs charges and expenses incurred by the Seller in obtaining payment of the moneys secured under this guarantee (and so that any taxation of the Seller's costs charges and expenses shall be on a full indemnity basis) shall be recoverable from the Guarantor as a

Warranties and Liability

- The Seller warrants that, except in relation to intellectual property rights of third parties, it has good title to the Goods and (subject to the conditions set out below) the Goods shall correspond with their written specification (if any) at the time of delivery and will be free from material defects in materials and workmanship for a period of 12 months or separately stated period from delivery, provided that the Seller shall be under no liability: in respect of any defect arising from any drawing, design, specification or stipulation of the
- Buyer; or in respect of any defect or lack of performance arising from fair wear and tear, wilful
- damage, negligence, abnormal working conditions, failure to follow Seller's instructions, or misuse, alteration or repair of the Goods without the Seller's approval; or
- in respect of parts or materials not manufactured by the Seller, in respect of which the Buyer shall only be entitled to the benefit of any warranty or guarantee which is given by the manufacturer to the Seller; or
- if the full price for the Goods has not been paid by the due date for payment.

 The Seller warrants that the Services will be provided using reasonable care and skill and, as far as reasonably possible, in accordance with the contract between the Seller and the
- Subject as expressly provided in these Conditions, and except where the Goods and/or Services (as the case may be) are supplied to a person dealing as a consumer (within the meaning of the Unfair Contract Terms Act 1977), all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.
- Where the Goods and/or the Services (as the case may be) are supplied under a consumer transaction (as defined by the Consumer Transactions (Restrictions on Statements) Order 1976) the statutory rights of the Buyer are not affected by these Conditions.
- Any claim by the Buyer arising from any defect in the quality or condition of the Goods or their failure to correspond with the agreed specification shall (whether or not delivery is refused by the Buyer) be notified to the Seller in writing within 7 days of delivery or (where the defect or failure was not apparent on reasonable inspection) within a reasonable time of the defect or failure becoming apparent. If delivery is not refused, and the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the contract price as if the Goods had been delivered in accordance with the contract between the Seller and the Buyer.

Conditions of Sale

- (f) Where the Seller accepts a claim made by the Buyer in respect of the Goods made in accordance with these Conditions, the Buyer's right shall be to a full or partial credit note (in relation to Goods purchased on credit account) full or partial refund (in relation to Goods purchased by cash) or replacement of the Goods (or the part(s) in question), at the Seller's option, but the Seller's hall have no further liability to the Buyer.
- (g) Except in respect of death or personal injury caused by the Seller's negligence, the Seller shall not be liable to the Buyer by reason of any representation (unless fraudulent), or any implied warranty, condition, or other term, or any tortious act (including negligence) or any duty at common law, or under the express terms of the contract between the Seller and the Buyer, or in any manner whatsoever.
- (i) for any indirect, special or consequential loss or damage:
- of or any names, special or consequence areas or analogy.

 for any economic loss including loss of profits, loss of business, depletion of goodwill and/or similar losses, loss of anticipated savings, loss of goods, loss of contract, loss of use; or loss of for corruption of data or information, howsoever caused and even if foreseeable by the Seller, which in either case may arise out of, or in connection with the supply of the Goods and/or the Services or their use or resale by the Buyer (and whether caused by the negligence of the Seller, its employees or agents or otherwise) save as may be expressly provided in these Conditions.
- (h) The entire liability of the Seller under or in connection with the contract between the Seller and the Buyer shall not exceed the price of the Goods and/or the Services (as the case may be) save as expressly provided in these Conditions.
- (i) Any repair, replacement or refund of any monies made by the Seller to the Buyer shall not under any circumstances be deemed to be an admission of any liability on the part of the Seller to the Buyer (or any third party), and shall be without prejudice to the rights of the Seller which the Seller hereby reserves in full should it make any such repairs, replacements or refunds of monies.
- (j) The Seller shall not be liable to the Buyer, or be deemed to be in breach of contract by reason of any delay in performing, or any failure to perform any of the Seller's obligations in relation to any Goods and/or Services (as the case may be) if the delay or failure is due to any cause beyond the Seller's reasonable control.

10. Design and Drawings

- (a) All figures, statements, advice, recommendations, drawings, designs, suggestions and specifications contained or referred to in any documents supplied by the Seller to the Buyer are given in good faith, but shall be approximate only, and shall not (unless the Seller specifically warrants the same in writing) be warranted to be accurate. All such matters should be checked and verified for accuracy and suitability by the Buyer, and accordingly the Seller accepts no liability or responsibility whatsoever in relation to such matters unless specifically warranted in writing in the manner referred to above.
- (b) The Seller will make available information required in relation to the design, construction and testing of the Goods as is reasonably necessary for the Buyer to take appropriate steps to see that the Goods will be, when installed, safe and not constitute a risk to the health of any person provided always that the Buyer shall indemnify, and keep indemnified, the Seller against all claims, costs, actions, damages or liabilities resulting directly or indirectly (including economic and consequential loss) for any claim brought against the Seller arising out of the use of the Goods.

11. Termination/Suspension

- (a) The Buyer shall not be entitled to cancel the contract between the Seller and the Buyer and if the Buyer purports to do so it shall indemnify the Seller for all losses, costs and expenses incurred by the Seller in relation to the contract.
- (b) Without prejudice to any other right or remedy, the Seller shall be entitled to suspend forthwith further performance and/or terminate contractual relations with the Buyer without any liability to the Buyer if the Buyer:
- is in breach of any of these Conditions or (in the absolute opinion of the Seller) is likely to breach any Condition herein; or
- (ii) becomes insolvent, has a receiver appointed over the whole or any part of its assets, enters into any compound with creditors, or has an order made or resolution passed for it to be wound up (otherwise than in furtherance of a scheme for amalgamation or reconstruction) or if the ownership or control of it shall pass into the hands of any other legal person, or an event analogous occurs in respect of the Buyer in any jurisdiction to which the Buyer is subject.

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- (a) The Seller is a member of a group of companies and accordingly the Seller may perform any of its obligations or exercise any of its rights hereunder by itself or through any other member of its group.
- (b) The Seller shall be entitled to subcontract the whole or any part of its obligations under the contract between the Seller and the Buyer to any third party which it may at its absolute discretion determine but any subcontract shall not relieve the Seller of its obligations hereunder.
- (c) Any notice required or permitted to be given by either party to the other under these Conditions shall be given in writing and addressed to the other party at its registered office, principal place of business or at such other address as may be notified to the other party from time to time.
- (d) No waiver by the Seller of any breach of contract by the Buyer shall be considered a waiver of any subsequent breach of the same or any other provision.

- (e) If any term of these Conditions prove illegal or unenforceable in whole or part, such term shall be deemed excised from these conditions without effect upon the validity of the remainder of these Conditions.
- (f) A person who is not a party to the contract between the Seller and the Buyer has no right under the Contracts (Rights of Third Parties) Act 1999 to enforce or enjoy the benefit of any term of such contract.
- (g) In addition to these Conditions of Sale, Orders placed via the Seller's website shall be subject to any legal terms and notices published there by the Seller.
- (h) These Conditions and the contract between the Buyer and Seller shall be governed by the laws of England, and the English Courts shall have exclusive jurisdiction.





Unit 1 Railway Court, Ten Pound Walk, Doncaster, South Yorkshire DN4 5FB

Tel: **+44 (0)1302 765 570**Email: info@f4p-products.com
f4p-products.com **У**@F4Pinfo



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