

MIG 100



STOCK CODE	PRODUCT
60TWN820067	MIG 100 Package
60TWN742400	Replacement Torch

Highly portable - weighs only 19kg. Operates from a 230v 1ph supply. Has step-less output current control. Complete package, c/w non-live MIG torch & work return clamp.

MIG 130



STOCK CODE	PRODUCT
60TWN820065	MIG 130 Package
60TWN742400	Replacement Torch

A very popular, turbo fan-cooled MIG unit with non-live MIG torch and a work return clamp. The MIG 130 will operate from a 230v 1ph supply and will weld 0.6mm to 0.8mm mild steel wire up to 5kg reels. It is an ideal portable DIY, car-body and light duty repair package.

MAX 132 NO-GAS



STOCK CODE	PRODUCT
60TWN820061	MAX 132 Gas/No Gas
60TWN742402	Replacement Torch

A 120A Gasless unit that can be adapted to MIG weld with gas. Complete with torch and clamp. 230v single phase.

MIG 161



STOCK CODE	PRODUCT
60TWN820084	MIG 161 Package
60TWN742401	Replacement Torch

Full-feature portable single-phase MIG package. Able to support an X size industrial gas cylinder on its rear trolley. Top-loading wire-feeder. Turbo fan-cooled. Complete with non-live MIG torch.

MIG 180



STOCK CODE	PRODUCT
60TWN820070	MIG 180 Package
60TWN722039	Replacement Torch

Very popular, powerful 230v 1ph MIG package. Features step-less current control, 6 output voltage settings, spot timer, turbo fan-cooling and a non-live torch. Ideal for car-body and light-duty fabrication.

MIG 200



STOCK CODE	PRODUCT
60TWN820077	MIG 200 Package
60QH180300W	Replacement Torch

A popular 'Best Buy' MIG package with a Euro MIG torch and 6 voltage positions. This turbo fan-cooled welder will use 15kg reels of 0.6mm to 1.0mm mild steel wire and is ideal for light fabrication and repair tasks.

MIG 251



STOCK CODE	PRODUCT
60TWN820086	MIG 251 Package
60QH180300W	Replacement Torch

A high-end single-phase package featuring a Euro MIG torch. Has MIG spot timer, step-less current control & 8 output voltage positions. Has a heavy-duty undergear and is of solid construction. Will weld 0.6mm to 1.0mm mild steel MIG wire.



MIG 300 & 400 PACKAGES



STOCK CODE	PRODUCT
60TWN827225	MIG 300 Package
60TWN827226	MIG 400 Package

Versatile, powerful 400v 3ph MIG packages with a removable 2-roll wire-feed unit that can be used both in and out of the power source. With the addition of interconnections, the feeder can be used at a distance from the cabinet. Packages include a Euro MIG torch and clamp. The MIG 300 has an output of 40A-300A (300A @25%) and 12 voltage positions. The MIG 400 has an output of 50A-400A (400A @25%) & 18 voltage positions

MIG 360, MIG 460 & MIG560 PACKAGES



STOCK CODE	PRODUCT
60TWN822213	MIG 360 Industrial PS/WFU Package
60TWN822214	MIG 460 Industrial PS/WFU Package
60TWN822215	MIG 560 Industrial PS/WFU Package

Industrial 3-phase MIG welder packages including separate 4-roll wire-feed units that are mounted above the cabinet. These packages include a Euro MIG torch, clamp & standard interconnections. A range of accessories, including a boom arm and spool cover, are available. The MIG 360 has 18 output voltage positions and an output of 40A-350A (350A @35%). The MIG 460 has 24 voltage positions and provides 50A-450A (450A @35%). The MIG 560 has 36 voltage positions and provides 60A-550A (550A @ 35%). All models use forced ventilation.

ACCESSORIES FOR MINI MIG 100 / 130 / 132 / 161 / 180

MINI MIG TORCHES



STOCK CODE	PRODUCT
60TWN742400	2M Torch For MIG 100/130
60TWN742401	2M Torch For MIG 150/161
60TWN742402	2M Torch For MAX 132/152
60TWN722039	2M Torch For MIG 180

Mini MIG units have their torches wired directly into the body of the machine and are often called 'In-Line' or 'T-piece'. The torch for each mini MIG machine we offer can be replaced and a variety of spare parts are offered. xxxxxxxxxxxx

MINI CONTACT TIPS



STOCK CODE	PRODUCT
60TWN722552	1.0mm MAX 132-182
60TWN722566	0.8mm MAX 132-182
60TWN722661W	0.6mm MIG 100-130
60TWN722667W	0.8mm MIG 100-130

Mini copper contact tips for use with our Mini MIG welding machines. Priced and shipped in packs of 10. Versions to fit the MIG and MAX machine ranges are available for use with several wire diameters.

MINI CONICAL SHROUDS



STOCK CODE	PRODUCT
60TWN722054W	For MIG 100/130
60TWN722149	For MAX 132

The popular conical style nozzle concentrates the shielding gas flow and direction in order to surround the weld in an inert environment. 2 models of mini shroud are available, to suit the MIG and MAX units respectively.

MINI TORCH LINERS



STOCK CODE	PRODUCT
60TWN742412	0.6-0.8mm 3M MIG
60TWN722077	0.8-1.0mm 3M MAX
60TWNLINER	0.6-0.8mm / mtr

The torch liners in mini MIG machines are of a simple design and carry wire from the feeder to the contact tip. Two diameters are available, both in 3m lengths, to suit the MIG and MAX models respectively.

MINI-TO-EURO CONVERTER



STOCK CODE	PRODUCT
60TWN723051	Euro Adaptor

Mini MIG torches are often manufacturer-specific and wired through into the body of the machine. This can make replacing the torch and spares more difficult than it would be if a Euro type torch was used. This product converts mini MIGs to use Euro torches.

ACCESSORIES FOR MINI MIG 100 / 130 / 150 / 161 / 180 (cont)

EURO MIG TORCHES



STOCK CODE	PRODUCT
60QH180300W	180Amp 3M Euro Torch
60QH180400W	180Amp 4M Euro Torch
60QH250300W	250Amp 3M Euro Torch
60QH250400W	250Amp 4M Euro Torch
60QH290300W	360Amp 3M Euro Torch
60QH290400W	360Amp 4M Euro Torch
60QH400400W	500Amp 4M Euro Torch

Made to popular "Euro" design with plug, support springs and ergonomic handles these torches are made in the EU and are available to suit a range of machine current sizes, in 3m and 4m lengths.

MINI SWAN NECKS



STOCK CODE	PRODUCT
60TWN722810	For MIG 100/130
60TWN722078	For MIG 132/161/180

The Swan Neck connects the tip and shroud to the main torch body and carries the wire, gas and current to the end of the torch. 4 models available.

ACCESSORIES FOR MIG WELDING EURO SIZE FOR MIG 200 / 251 / 300 / 400 / 360 / 460 / 560

CONICAL SHROUDS



STOCK CODE	PRODUCT
60QH180301W	180A Conical
60QH250401W	250A Conical
60QH290401W	360A Conical
60QH400401W	500A Conical

Popular "standard" design. For "Euro" style torches

MIG TIPS



STOCK CODE	PRODUCT
60QH180306W	0.6mm 180A Pk10
60QH250406W	0.6mm 250A Pk10
60QH290406W	0.6mm 360A Pk10
60QH180308W	0.8mm 180A Pk10
60QH250408W	0.8mm 250A Pk10
60QH290408W	0.8mm 360A Pk10
60QH400408W	0.8mm 500A Pk10
60QH180310W	1.0mm 180A Pk10
60QH250410W	1.0mm 250A Pk10
60QH290410W	1.0mm 360A Pk10
60QH400410W	1.0mm 500A Pk10
60QH180312W	1.2mm 180A Pk10
60QH250412W	1.2mm 250A Pk10
60QH290412W	1.2mm 360A Pk10
60QH400412W	1.2mm 500A Pk10
60QH290416W	1.6mm 360A Pk10
60QH400416W	1.6mm 500A Pk10

For use with "Euro" MIG torches

TORCH LINERS



STOCK CODE	PRODUCT
60QH180320W	0.6-0.8mm 3M Mild Steel
60QH180420W	0.6-0.8mm 4M Mild Steel
60QH180322W	1.0-1.2mm 3M Mild Steel
60QH180422W	1.0-1.2mm 4M Mild Steel
60QH180326	0.6-0.8mm 3M Aluminium
60QH250424	0.6-0.8mm 4M Aluminium
60QH180327	1.0-1.2mm 3M Aluminium
60QH250426	1.0-1.2mm 4M Aluminium

For Mild Steel or Aluminium

IF YOU DON'T SEE YOUR EXACT REQUIREMENTS WITHIN THIS CATALOGUE, PLEASE ASK ONE OF OUR FRIENDLY SALES PEOPLE FOR ASSISTANCE

ACCESSORIES FOR MIG WELDING EURO SIZE (cont)

2 GAUGE REGULATORS



STOCK CODE	PRODUCT
60AE3005W	Argon
60AE3008W	CO ₂

Designed to step down and allow control of shielding gas flow. One gauge shows flow rate and the other indicates bottle contents. Has 3/8" BSP outlet fitting and will suit 5/8" BSP cylinder valve. Versions are available for use with either Argon or CO₂ shielding gas.

TORCH SWAN NECKS



STOCK CODE	PRODUCT
60QH180441W	180A Swan Neck
60QH250441W	250A Swan Neck
60QH290441W	360A Swan Neck
60QH400441W	500A Swan Neck

The 'business end' of a MIG torch. Holds the tip, shroud.

ACCESSORIES FOR MIG WELDING

ANTI-SPATTER SPRAYS



STOCK CODE	PRODUCT
60EG1001W	400ml Spray
60EG1001WB	400ml Spray x24
60EG1001100W	1Ltr Trigger Spray
60EG10015000	5Ltr Bulk Bottle
60EG1001BLK	25Ltr Bulk Drum

A water-based, silicone-free, non-toxic, non-flammable anti-spatter solution that does not contain harmful solvents which can smoke and produce harmful fumes. Does not affect weld porosity. Use to prolong tip & shroud life and to prevent adhesion of weld spatter to the area surrounding the weld zone. It is available in a full range of container types and sizes from 400ml spray to a 25ltr bulk drum.

TIP-DIP GEL



STOCK CODE	PRODUCT
60EG1002	Tip-Dip Gel - 225g
60EG1003	Tip-Dip Gel - 500g

Tip-dip gel is used in MIG welding to help prevent the build-up of welding spatter on your contact tips and shrouds. Our 'Contact-Clean' tip-dip is supplied in hard-wearing tins - ideal for use in workshop environments. Just dip your warm MIG torch into the gel to protect it. The gel is a red colour and contains **no** harmful solvents, which can smoke and fume. Tip-dip gel is available in 2 sizes of tin, a handy 225g version & larger 500g version.

MIG WIRE CLEANING PADS



STOCK CODE	PRODUCT
60EWA007060	Lubricating Pads - M/Steel Pk 6
60EWA007061	Lubricating Pads - All Wires Pk 6

Engineered to clean & lubricate MIG wire as it passes through the wire-feeder. The red cleaning pads suit all wires. The black pads clean & lubricate mild steels. Cleaner wire feeds more easily & increases tip and liner life.

MILD STEEL WIRE



STOCK CODE	PRODUCT
60VZ180607	0.6mm x 0.7kg Reel
60VZ180650	0.6mm x 5kg Reel
60VZ180615R	0.6mm x 15kg Reel
60VZ180807	0.8mm x 0.7kg Reel
60VZ180850	0.8mm x 5kg Reel
60VZ180815L	0.8mm x 15kg Reel
60VZ181015L	1.0mm x 15kg Reel
60VZ181215L	1.2mm x 15kg Reel

A popular A18 grade double de-oxidised copper coated mild steel wire in a range of diameters and popular sizes.

L = Layer wound

FREE DELIVERY ON ORDERS OVER £100

ACCESSORIES FOR MIG WELDING EURO SIZE (cont)

STAINLESS & ALUMINIUM



STOCK CODE	PRODUCT
60GZ30808090	0.8mm x 0.9kg 308L
60GZ30808450	0.8mm x 4.5kg 308L
60GZ30810090	1.0mm x 0.9kg 308L
60GZ30810450	1.0mm x 4.5kg 308L
60GZ31608090	0.8mm x 0.9kg 316L
60GZ31608450	0.8mm x 4.5kg 316L
60GZ31610090	1.0mm x 0.9kg 316L
60GZ31610450	1.0mm x 4.5kg 316L

A range of the most popular grades of stainless steel MIG wire; 308L and 316L. Two diameters are available (0.8mm & 1.0mm) in a choice of 2 spool sizes (0.9kg and 4.5kg). All of our stainless wires are manufactured to the content specifications of BS 2901.

SPOOL HUB ADAPTOR



STOCK CODE	PRODUCT
60SHW1001	Pool Hub Adaptor

Allows a small 1/2kg spool of wire to be used on a wire-feed system with a 15kg hub. Ideal for small jobs, demonstrations etc, where use of a large reel would not be practical or economical.

DISPOSABLE GAS CYLINDERS



STOCK CODE	PRODUCT
60TWN802038	CO2 390g
60TWN802038L	CO2 600g
60TWN802048	Argon/CO2 390g
60TWN802048L	Argon/CO2 600g
60TWN802050	Argon 390g
60TWN802050L	Argon 600g

A range of Argon, CO2 and Argon/CO2 mix mini shielding gas cylinders which are typically used with portable MIG and TIG welding machines or as an alternative to industrial cylinders. Two sizes are available; a 390g version and a 600g version. They feature 1/8" BSP fittings.

MIG RACK



STOCK CODE	PRODUCT
60DZ10006	Mig Rack

This ideal workshop add-on sits over your gas cylinder and has hooks and holders for your torch, anti-spatter spray, helmet, hoses etc. It makes an essential addition to your welding equipment setup and helps you to keep tidy and well-organised.

MIG "HELPER" PLIERS



STOCK CODE	PRODUCT
60ET001W	MIG "Helper" Pliers

Performs many tasks to aid smooth MIG welding, including removal of spatter from in and around the shroud, drawing out and cutting off wire, fitting and removing contact tips and shrouds. These pliers are both comfortable and durable in use.

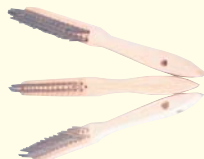
MAGNETIC SUPPORT BRACKET



STOCK CODE	PRODUCT
60ET001002	Magnetic Support Bracket

Holds the workpieces at a variety of angles while you weld. Strong magnet and rugged, durable body. Ideal for all welding.

MILD STEEL WIRE BRUSHES



STOCK CODE	PRODUCT
60EW0100	2 Row Mild Steel Brush
60EW0103	3 Row Mild Steel Brush
60EW0104	4 Row Mild Steel Brush

An essential weld cleaning and preparation tool with strong mild steel bristles in a smooth, shaped wooden handle. Available in 3 types with 2 rows, 3 rows and 4 rows.

STAINLESS STEEL WIRE BRUSHES



STOCK CODE	PRODUCT
60EW0102SS	2 Row Stainless Steel Brush
60EW0103SS	3 Row Stainless Steel Brush
60EW0104SSHD	4 Row Stainless Steel Brush

Features strong stainless steel bristles in a smooth, shaped wooden handle. Used to reduce the risk of contaminating a stainless steel weld.

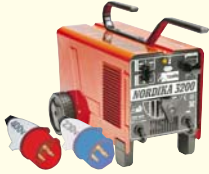
ARC 150 AC



STOCK CODE	PRODUCT
60TWN809440	Arc 150 AC Package

A portable air-cooled AC stick welding package for light-duty DIY and repair. Can operate from a 13A plug.

ARC 3250 AC



STOCK CODE	PRODUCT
60TWN814087	Arc 3250 AC
60TWN814086	Arc 3200 AC

Portable fan-cooled dual-voltage AC stick welding package. Output current for 3250 AC is 70A@230v 1ph, 250A@400v 3ph. 3200 AC has Max output welding current 190A (230v/400v)

ARC 142 DUAL AUTO DC



STOCK CODE	PRODUCT
60TWN815162	Arc 142 Dual Auto DC
60TWN801096	Stick Welding Leads Kit
60TWN815140	TIG Welding Kit

Takes 115v or 230v 1ph supply and senses input voltage automatically. This **Inverter** weighs only 5kgs and provides 120A@20% (on230v) DC, ideal in stick/TIG for DIY and on-site.

ARC 145 DC



STOCK CODE	PRODUCT
60TWN815102	Arc 145 DC Unit
60TWN801102	Stick Welding Leads Kit
60TWN815140	TIG Welding Kit

A high-duty 230v 1ph **Inverter** power source which will produce 130A@60% smooth DC for stick and TIG welding. Weighs only 9kgs. Fine current control.

ARC 200 DC



STOCK CODE	PRODUCT
60TWN815104	Arc 200 DC Unit
60TWN801102	Stick Welding Leads Kit
60TWN815200	TIG Welding Kit

A high-end 230v 1ph **Inverter** power source which will produce 180A@35% smooth DC for stick and TIG welding. Weighs only 9kgs. Power source only.

ARC 240 DC



STOCK CODE	PRODUCT
60TWN815503	Arc 240 DC
60TWN801095	Stick Welding Kit
60TWN815240	TIG Welding Kit

A highly portable 3ph (400v) **Inverter** power source for stick and 'Lift-Arc' TIG welding. The unit provides a smooth DC output of 220A@40%. Power source only.

ARC 340 DC



STOCK CODE	PRODUCT
60TWN819049	Arc 340 DC
60TWN801095	Welding Leads

A 400v 3ph mobile DC stick welder with turbo fan-cooling and a wind-in magnetic shunt for current regulation. Provides a welding current output of 60A - 320A (320A@25%). Suitable for 2mm-6mm electrodes. Sold power source only, leads sold separately.

DC WELDING CURRENT IS FAR EASIER TO WELD WITH THAN AC. INVERTER-BASED POWER SOURCES PROVIDE EASIER SMOOTH DC AND ARE USUALLY VERY PORTABLE.



MILD STEEL MMA RODS



STOCK CODE	PRODUCT
GENERAL PURPOSE	
60TW60131625	1.6mm 6013 Rods 2.27kg
60TX60131650	1.6mm 6013 Rods 5kg
60TX60132050	2.0mm 6013 Rods 5kg
60TX60132550	2.5mm 6013 Rods 5kg
60TX60133250	3.2mm 6013 Rods 5kg
60TX60134050	4.0mm 6013 Rods 5kg
60TX60135050	5.0mm 6013 Rods 5kg
LOW HYDROGEN	
60TX70182550	2.5mm 7018 Rods 5kg
60TX70183250	3.2mm 7018 Rods 5kg
60TX70184050	4.0mm 7018 Rods 5kg

6013 is a **general purpose** rod.
7018 is a stronger, **low hydrogen** rod.
5kg pack size.

QUIVER



STOCK CODE	PRODUCT
60ZAM300110W	110v Quiver
60ZAM300230W	230v Quiver

Stores rods in warm, dry conditions prior to welding.
Has a 150 watt (approx) heater and a 5kg rod capacity.
Available in 230v and 110v versions; the 110v is ideal for site use.

SPECIAL MMA RODS



STOCK CODE	PRODUCT
60TX3082525	2.5mm 308L Rods 2.27kg
60TX3083225	3.2mm 308L Rods 2.27kg
60TX3084025	4.0mm 308L Rods 2.27kg

308L is a popular grade of **Stainless Steel** MMA rod with good welding characteristics 312 is a **Dissimilar** rod used to join low-alloyed or unalloyed steel to stainless, etc or where exact grades aren't known.
Ni-CI is a nickel Cast Iron welding rod with good properties.

STOCK CODE	PRODUCT
60TX3122525	2.5mm 312 Rods 2.27kg
60TX3123225	3.2mm 312 Rods 2.27kg
60TX3124025	4.0mm 312 Rods 2.27kg

STOCK CODE	PRODUCT
60TX50025010	2.5mm Ni-CI Rods 1kg
60TX50032010	3.2mm Ni-CI Rods 1kg
60TX50040010	4.0mm Ni-CI Rods 1kg

SPITFIRE DISCS



STOCK CODE	PRODUCT
60IM451FCM	4 1/2" x 22mm Bore x 1mm

Cutting disc popular for cutting thin sheet metal.

SANDING DISCS - ZIRCONIUM



STOCK CODE	PRODUCT
60IJ40ZD36	4"x16mm Bore 36 Grit
60IJ40ZD60	4"x16mm Bore 60 Grit
60IJ40ZD80	4"x16mm Bore 80 Grit
60IJ40ZD100	4"x16mm Bore 100 Grit
60IJ45ZD36	4 1/2"x22mm Bore 36 Grit
60IJ45ZD60	4 1/2"x22mm Bore 60 Grit
60IJ45ZD80	4 1/2"x22mm Bore 80 Grit
60IJ45ZD100	4 1/2"x22mm Bore 100 Grit

High Performance fibre-back abrasive discs for heavy deburring and finishing of many common metals.
Do not contain metal iron or iron compounds.

ARC WELDING ACCESSORIES (cont)

CUTTING & GRINDING DISCS



STOCK CODE	PRODUCT
60IM40FCM	4" Flat Cutting Disc
60IM40DCCM	4" DPC Cutting Disc
60IM40DCGM	4" DPC Grinding Disc
60IM45FCM	4 1/2" Flat Cutting Disc
60IM45DCCM	4 1/2" DPC Cutting Disc
60IM45DCGM	4 1/2" DPC Grinding Disc
60IM50FCM	5" Flat Cutting Disc
60IM50DCCM	5" DPC Cutting Disc
60IM50DCGM	5" DPC Grinding Disc
60IM70FCM	7" Flat Cutting Disc
60IM70DCCM	7" DPC Cutting Disc
60IM70DCGM	7" DPC Grinding Disc
60IM90FCM	9" Flat Cutting Disc
60IM90DCCM	9" DPC Cutting Disc
60IM90DCGM	9" DPC Grinding Disc

Medium-hardness abrasive discs for use with iron and steels. Flat or depressed centre versions available.

DOUBLE INSULATED CABLE



STOCK CODE	PRODUCT
60EZD25DIP	25mm Double Insulated Cable
60EZD35DIP	35mm Double Insulated Cable
60EZD50DIP	50mm Double Insulated Cable

Flexible and strong. For higher duty. 3 sizes are available.

WELDING CABLE



STOCK CODE	PRODUCT
60EZC16P	16mm Single Insulated Cable
60EZC25P	25mm Single Insulated Cable
60EZC35P	35mm Single Insulated Cable
60EZC50P	50mm Single Insulated Cable
60EZC70P	70mm Single Insulated Cable
60EZC95P	95mm Single Insulated Cable

Highly flexible, black PVC single insulated cable. Available in six sizes. Sold by the metre.

CAM TYPE WELDING GAUGE



STOCK CODE	PRODUCT
60ET0031	Cam Type Gauge

This rugged gauge, fabricated in stainless steel, is used for measuring the dimensions of weld preparations and completed butt & fillet welds. It measures the angle of preparation, excess weld metal, fillet leg length and throat size. Shipped in a protective pouch.

QUICK KNOCK-ON CABLE LUGS



STOCK CODE	PRODUCT
60EW35KO	35mm Aperture
60EW50KO	50mm Aperture

Placed over end of welding cable and fixed by knocking slotted piece down on to cable. Two versions for popular cable sizes.

RE-USABLE CABLE LUGS



STOCK CODE	PRODUCT
60EW16RL	16mm Aperture
60EW25RL	25mm Aperture
60EW35RL	35mm Aperture
60EW50RL	50mm Aperture

Secured to cable via re-usable screws and nuts. Available in a range to suit many popular cable sizes.

HAMMER-ON CABLE LUGS



STOCK CODE	PRODUCT
60EW50HO	50mm Aperture
60EW70HO	70mm Aperture
60EW95HO	95mm Aperture

Placed over end of welding cable and secured by hammering notch. Available in a full range to suit the larger cable sizes.

ARC WELDING ACCESSORIES (cont)

'CC' TYPE EARTH CLAMP



STOCK CODE	PRODUCT
60EW600CC	600A Clamp

A strong, heavy-duty drop-forged earth clamp of solid construction. For 600A maximum current load.

ALL CAST EARTH CLAMP



STOCK CODE	PRODUCT
60EW700SCB	700A Earth Clamp

A strong, all-cast brass earth clamp capable of earthing up to 700A. Benefits from strong & robust screw-operated jaws.

CROCODILE CLAMPS



STOCK CODE	PRODUCT
60EW200C	200A Clamp
60EW400CW	400A Clamp
60EW200NEV	200A 'Nevada' Style
60EW350NEV	350A 'Nevada' Style
60EW500NEV	500A 'Nevada' Style

Solid, rugged design. Strong spring jaws. A full range of current sizes are available and the popular Nevada style.

MAGNETIC EARTH CLAMP



STOCK CODE	PRODUCT
60ET004A	800A Mag Clamp

800A circular earth clamp with a strong magnet and a central rotating lug point for reliable connection to the earthing cable. Great for use in areas that are difficult to clamp to.

CABLE PLUG



STOCK CODE	PRODUCT
60EW1625PW	10-25mm ² Size
60EW3550PW	35-50mm ² Size
60EW5070PW	50-70mm ² Size
60EW7095PW	70-95mm ² Size

Popular "DIN" type design with a locking brass male connector and insulating rubber wall. Full range to suit many cable sizes.

CABLE SOCKET



STOCK CODE	PRODUCT
60EW1625SW	10-25mm ² Size
60EW3550SW	35-50mm ² Size
60EW5070SW	50-70mm ² Size
60EW7095SW	70-95mm ² Size

Popular "DIN" type design with a brass female connector and insulating rubber wall. Full range to suit many cable sizes.

PANEL PLUG



STOCK CODE	PRODUCT
60EW1625PPW	10-25mm ² Size
60EW3550PPW	35-50mm ² Size

Popular "DIN" type design with a locking brass male connector, insulating bakelite wall and a point for internal connection to the power source. Panel mounted.

PANEL SOCKET



STOCK CODE	PRODUCT
60EW1625PSW	10-25mm ² Size
60EW3550PSW	35-50mm ² Size
60EW7095PSW	70-95mm ² Size

Popular "DIN" type design with a locking brass female connector, insulating bakelite wall and a point for internal connection to the power source. Design to be panel mounted.

FLAW & CRACK DETECTOR



STOCK CODE	PRODUCT
60EG2001	Cleaner
60EG2002	Penetrant
60EG2003	Developer

3 part system to highlight cracks and flaws in a finished weld. Use cleaner, penetrant and developer in sequence and leave for 10 to 20 minutes. Red dye shows cracks after developer is sprayed. Available separately in 400ml cans.

ARC WELDING ACCESSORIES (cont)

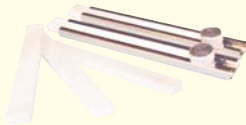
"GENUINE TEMPIL" TEMPERATURE INDICATOR STICKS



STOCK CODE	PRODUCT
60TSC0040	40°C/104°F TempilStick
60TSC0050	50°C/122°F TempilStick
60TSC0100	100°C/212°F TempilStick
60TSC0150	150°C/302°F TempilStick
60TSC0175	175°C/347°F TempilStick
60TSC0225	225°C/437°F TempilStick
60TSC0250	250°C/482°F TempilStick
60TSC0290	290°C/544°F TempilStick
60TSC0370	370°C/698°F TempilStick
60TSC0460	460°C/860°F TempilStick

Mark the workpiece before welding, preheating, heat treatment or annealing. When the rated temperature has been reached a distinct melt (smear) will become evident. Popular white **celsius** rating sticks. Priced each and packed in outer boxes of 10 sticks.

FLAT FRENCH CHALK



STOCK CODE	PRODUCT
60EU10001	French Chalk x144
60EU10002	French Chalk Holder

125mm x 12mm x 5mm soapstone pieces in an outer box of 144. Widely used in industry for marking. A flat holder is also available.

SQUARE FRENCH CHALK



STOCK CODE	PRODUCT
60EU10003	Square Chalk x50

100mm x 10mm x 10mm square soapstone in a box of 50 pieces. Frequently used in industry for temporary marking, a popular alternative to the flat style french chalk.

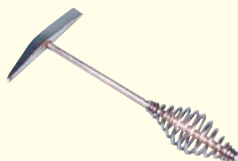
BOTTLE MARKERS



STOCK CODE	PRODUCT
60MB361015	Bottle Marker - White
60MB361020	Bottle Marker - Yellow

Metal-tipped, easy-flowing, quick-drying paint. Applied by squeezing the plastic bottle. Two colours are available; white and yellow. Used as a more permanent alternative to french chalk (soapstone).

CHIPPING HAMMERS



STOCK CODE	PRODUCT
60EW0003	Spring Handle Hammer
60EW0002	Heavy Duty Hammer

(Heavy Duty Hammer not shown)

Used to remove welding slag. Strong, solid construction with spring handle to provide a good grip and reduce resonance. The hammer head includes a chisel end and a point. A heavy-duty model is also available.

WOODEN CHIPPING HAMMER



STOCK CODE	PRODUCT
60EW0001	Wooden Hammer
60EW0004	Tubular Hammer

(Tubular Hammer not shown)

The original and most popular model chipping hammer. With solid wood handle and a double-ended chipping head.

TWIST-GRIP HOLDERS



STOCK CODE	PRODUCT
60EW405	400A Red Holder
60EW400T	400A Yellow Holder
60EW605	600A Red Holder
60EW600T	600A Yellow Holder

Popular "**Twist-Grip**" style - handle twists to grip and release the rod. 5mm max jaw opening.

CROCODILE HOLDERS



STOCK CODE	PRODUCT
60EW150CR	150A Crocodile Holder
60EW200CR	200A Crocodile Holder
60EW400HC	400A 'Hi-Cool' Holder
60EW500CR	500A Crocodile Holder
60EW600HC	600A 'Hi-Cool' Holder

Simple, efficient rod holders with crocodile jaws. Models for 150A, 200A and 600A.

MULTI-STAGE 2 GAUGE REGULATORS



STOCK CODE	PRODUCT
60AE7001W	Oxygen
60AE7002W	Acetylene

Multi-Stage Regulators provide greater accuracy & pressure control. Gauges show pressure and bottle contents. 300 bar oxy service and 20 bar acetylene.

SINGLE-STAGE 1 GAUGE REGULATORS



STOCK CODE	PRODUCT
60AE2001W	Oxygen
60AE2002W	Acetylene

Gauge shows pressure bottle contents only. Output pressure is determined by markings on knob. 300 bar oxygen service, acetylene 20 bar.

SINGLE-STAGE 2 GAUGE REGULATORS



STOCK CODE	PRODUCT
60AE3004W	Oxygen
60AE3002W	Acetylene

A popular model with gauges that show output pressure and bottle contents. Oxygen has 300 bar service, acetylene 20 bar.

SINGLE-STAGE PLUGGED REGULATORS



STOCK CODE	PRODUCT
60AE6001W	Oxygen
60AE6002W	Acetylene
60AE6004W	Propane

No gauges - ideal for site work. Pressure is determined via the markings around the adjustment knob. Oxygen regulator has a 300 bar service, the acetylene and propane both have 20 bar service.

FITTED HOSE LENGTHS



STOCK CODE	PRODUCT
60BW6000514x	6mm x 1/4" x 5m
60BW600538x	6mm x 3/8" x 5m
60BW6001014x	6mm x 1/4" x 10m
60BW6001038x	6mm x 3/8" x 10m
60BW800538x	8mm x 3/8" x 5m
60BW8001038x	8mm x 3/8" x 10m
60BW8002038x	8mm x 3/8" x 20m
60BW1000538x	10mm x 3/8" x 5m
60BW10001038x	10mm x 3/8" x 10m
60BW10002038x	10mm x 3/8" x 20m

Fitted oxygen, acetylene and propane hose. With High-Compression crimp fittings and Check Valves. Available in a range of lengths & bores, with 3/8" BSP or 1/4" BSP fittings.

Replace x with: **B** = oxygen (blue),
R = acetylene (red), **P** = propane (orange)

FITTED HOSE + BEND PROTECTOR



STOCK CODE	PRODUCT
60BY213002BP	6mm x 3/8" x 5m B
60BY213003BP	6mm x 3/8" x 5m R
60BY213004BP	6mm x 3/8" x 5m P
60BY213007BP	6mm x 3/8" x 10m B
60BY213008BP	6mm x 3/8" x 10m R
60BY213020BP	8mm x 3/8" x 10m B
60BY213021BP	8mm x 3/8" x 10m R
60BY213022BP	8mm x 3/8" x 10m P
60BY213025BP	8mm x 3/8" x 20m B
60BY213026BP	8mm x 3/8" x 20m R
60BY213027BP	8mm x 3/8" x 20m P
60BY213030BP	10mm x 3/8" x 5m B
60BY213031BP	10mm x 3/8" x 5m R
60BY213035BP	10mm x 3/8" x 10m B
60BY213036BP	10mm x 3/8" x 10m R
60BY213040BP	10mm x 3/8" x 20m B
60BY213041BP	10mm x 3/8" x 20m R
60BY213042BP	10mm x 3/8" x 20m P

Similar to our standard fitted hose lengths, but with the addition of a rubber 'bend protector' to reinforce the hose at its most vulnerable points.

B = oxygen (blue), **R** = acetylene (red),
P = propane (orange)

OXY/FUEL WELDING ACCESSORIES (cont)

SHANK, MIXER & CUTTING ATTACHMENTS



STOCK CODE	PRODUCT
60BB5001	HD Shank
60BB5003	HD Mixer
60BB6001	LW Shank
60BB6003	LW Mixer
60BB5002	HD Cutting Attachment
60BB6002	LW Cutting Attachment

A Shank carries oxygen & fuel gas and controls gas flow to the nozzle. A Mixer combines these gases and holds the welding nozzle.

Available in 2 types; 'Lightweight' (1/4" fittings) which is more portable and 'Heavy Duty' (3/8" fittings).

The Cutting Attachment fits to an oxy/fuel shank and is available in Heavy Duty and Lightweight versions. The HD models is used with ANM, PNM, ASNM and AGNM nozzles and the LW with AFN and ASFN. Both have an oxy control knob & cutting oxy lever. Fuel gas flow is controlled by the shank.

OXY/FUEL GAS ECONOMISER



STOCK CODE	PRODUCT
60AE2000	Oxy/Fuel Economiser

When you need to repeatedly start and stop welding or cutting, lighting & extinguishing the flame can be performed quickly and more easily by using a gas economiser.

TWIN-OUTLET VALVES



STOCK CODE	PRODUCT
60DA8003838YRH	Oxygen
60DA8003838YLH	Fuel Gas

Twin-outlet valves let you connect two sets of hoses to a single gas inlet. With independent adjustment knobs, you can control the flow from each outlet independently.

NM UNIVERSAL CUTTING TORCHES



STOCK CODE	PRODUCT
60BU100B	NM Torch 18/90
60BU100B75	NM Torch 18/75
60BU100B180	NM Torch 18/180
60BU200B	NM Torch 27/90
60BU200B75	NM Torch 27/75
60BU200B180	NM Torch 27/180
60BU300B	NM Torch 36/90

The NM Cutter is a popular design of oxy/fuel gas cutting torch which is used with ANM, ANME, PNM, PNME, ASNM and AGNM nozzles. It features 3/8" BSP inlet fittings, pressure control knobs and a cutting oxygen lever which, when pressed, produces a stream of high pressure cutting oxygen. Available in 18", 27" and 36" length with 90°, 75° or 180° head.

BARREL TYPE FLASHBACK ARRESTORS



STOCK CODE	PRODUCT
60AU1001W	Oxygen
60AU1002W	Fuel Gas

Non-resettable FBAs for high flow oxy/fuel gas cutting and welding. Will withstand a series of minor flashbacks but will not react as a consequence of external heat. Can be connected in parallel for greater flow.

RESETTABLE FLASHBACK ARRESTORS



STOCK CODE	PRODUCT
60AU2001	Oxygen
60AU2002	Fuel Gas

Provide the highest possible level of long-term protection. Clearly indicate the occurrence of a flashback and can be manually reset afterwards via their collar. Will withstand a series of flashbacks but will not react as a consequence of external heat.

WELDING NOZZLES - HEAVY DUTY



STOCK CODE	PRODUCT
60CCSW01	# 1 - 0.9mm
60CCSW02	# 2 - 1.2mm
60CCSW03	# 3 - 2.0mm
60CCSW05	# 5 - 2.6mm
60CCSW07	# 7 - 3.2mm
60CCSW10	#10 - 4.0mm
60CCSW13	#13 - 5.0mm
60CCSW18	#18 - 6.5mm
60CCSW25	#25 - 8.2mm

For Heavy Duty style mixer. A full High-Quality range.

OXY/FUEL WELDING ACCESSORIES (cont)

WELDING NOZZLES - LIGHT DUTY



STOCK CODE	PRODUCT	
60CCLW01	# 1	0.9mm
60CCLW02	# 2	1.2mm
60CCLW03	# 3	2.0mm
60CCLW05	# 5	2.6mm
60CCLW07	# 7	3.2mm
60CCLW10	#10	4.0mm
60CCLW13	#13	5.0mm
60CCLW18	#18	6.5mm
60CCLW25	#25	8.2mm

Smaller swaged style nozzles for use with the lightweight style mixer.

CUTTING NOZZLES - ANM/E



STOCK CODE	PRODUCT	
60CCANM01W	#1	6mm
60CCANM02W	#2	12mm
60CCANM03W	#3	75mm
60CCANM04W	#4	100mm
60CCANM05W	#5	150mm
60CCANM06W	#6	300mm

ANM oxy/acetylene cutting nozzles for use with NM cutters or HD cutting attachments.

CUTTING NOZZLES - PNM



STOCK CODE	PRODUCT	
60CCPNM01W	#1	6mm
60CCPNM02W	#2	12mm
60CCPNM03W	#3	75mm
60CCPNM04W	#4	100mm
60CCPNM05W	#5	150mm
60CCPNM06W	#6	300mm

PNM oxygen/propane cutting nozzles.

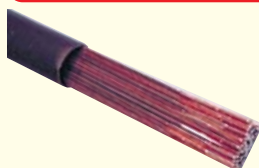
FLUXES



STOCK CODE	PRODUCT
60FR001	Bronze GP 225g
60FR003	Ali Brazing 225g
60FR004	Ali Welding 225g
60FR005	Silver Solder 225g
60FR007	Cast Iron 225g

Remove surface impurities. Available for brazing and welding of many metals. Can be mixed with water to form a paste.

COPPER COATED MILD STEEL RODS



STOCK CODE	PRODUCT
60FR1001601	1.6mm x 1.0kg
60FR1001650	1.6mm x 5.0kg
60FR1002401	2.4mm x 1.0kg
60FR1002450	2.4mm x 5.0kg
60FR1003201	3.2mm x 1.0kg
60FR1003250	3.2mm x 5.0kg

Popular general-purpose, low-carbon rod for mild steel, wrought iron etc. In 1kg and 5kg tubes.

SILICON BRONZE BRAZING RODS



STOCK CODE	PRODUCT
60FR4101625	1.6mm x 2.5kg
60FR4102425	2.4mm x 2.5kg
60FR4103225	3.2mm x 2.5kg

A de-oxidised 60/40 copper zinc alloy suitable for general-purpose bronze-welding and brazing of sheet, tube etc. Can be used with bronze brazing flux.

FLUXED BRAZING RODS



STOCK CODE	PRODUCT
60FR4002425	Flux Impregnated 2.4mm
60FR4003225	Flux Impregnated 3.2mm
60FR4202425	Flux Coated 2.4mm
60FR4203225	Flux Coated 3.2mm

Fast-flowing flux - impregnated, is ideal at low temperatures. Flux-coated is a tolerant, general-purpose gas rod. Both available in 2.4mm and 3.2mm diameters. 2.5kg packs.

OXY/FUEL WELDING ACCESSORIES (cont)

COMBINATION SPANNER



STOCK CODE	PRODUCT
60DZ0001	Combi Spanner

Strong, black, drop-forged spanner with integrated cylinder key, 3/8" BSP jaw for common hose nuts and 5/8" BSP jaw for most common regulator nuts.

NOZZLE CLEANER SETS



STOCK CODE	PRODUCT
60DZ0003	Nozzle Cleaners Large
60DZ0004R	Nozzle Cleaners Small

Sets of reamers and a file for cleaning the holes in an oxy/fuel gas cutting or welding nozzle. Flip-out cases.

CUP TYPE SPARKLIGHTER



STOCK CODE	PRODUCT
60DZ105001	Cup Lighter
60DZ105002	Spare Flints (5)

Single flint bar. Single strike action made from quality spring steel. Sold complete with fitted flint. Replacement flints are available in a pack of 5.

RED PISTOL SPARKLIGHTER



STOCK CODE	PRODUCT
60DZ405001	Pistol - Red
60DZ305002	Spare Flints (10)

Similar to the nickel pistol sparklighter, but in a more economical red painted style.

RETRACTABLE HOSE REELS



STOCK CODE	PRODUCT
60BWREEL614	Reel c/w 15m x 6mm x 1/4"
60BWREEL638	Reel c/w 15m x 6mm x 3/8"

Solid, durable hose reels supplied with 15m hoses already installed with a choice of 2 shank fittings. Hoses from the flashback arrestors should be fitted to the two 3/8" BSP inlet fittings. The reels retract the hoses automatically and can be wall-mounted using the fitting bracket supplied.

WELDING & CUTTING BOXED SETS



STOCK CODE	PRODUCT
60BBHDKIT	HD Kit Welding & Cutting
60BBLWKIT	LW Kit Welding & Cutting
60BBLWKITWLD	LW Kit Welding Only

Complete welding or welding and cutting kits containing all necessary torch-end parts and a number of accessories. Packed safely inside a durable, plastic foam-insulated case, these kit boxes include a shank, mixer and cutting attachment (if required) together with a range of nozzles, a cleaner and a bottle spanner.

CYLINDER TROLLEYS



STOCK CODE	PRODUCT
60DZ10001	Oxy/Acetylene Solid Tyre
60DZ10001PN	Oxy/Acetylene 16in Pneu
60DZ10002	Oxy/Propane Solid Tyre
60DZ10002PN	Oxy/Propane 16in Pneu
60DZ10003	Single Cylinder Solid Tyre
60DZ10003PN	Single Cylinder 16in Pneu
60DZ10004	Small Portable Solid Tyre
60DZ10005	Large Portable Solid Tyre

Cylinder trolleys of a fully welded construction to suit a variety of popular cylinder combinations. These trolleys feature either solid tyre or 16in pneumatic wheels and a galvanised chain. Models to accommodate a range of bottle sizes are available.

PORTABLE GAS PACKAGES



STOCK CODE	PRODUCT
60BB1007	HD style Portable Package
60BB2007	LW style Portable Package

These units are complete equipment packages for oxy/fuel welding and cutting. They contain regulators, Flashback Arrestors, a shank, mixer, cutting attachment, hoses, a selection of nozzles, tools, goggles and a trolley. The package only excludes gas bottles, which are available from your local gas distributor or cylinder centre.

TECHNICA TIG 155 DC



STOCK CODE	PRODUCT
60TWN815542	TIG 155 DC
60TWN815542	TIG Welding Kit

Single phase, fan-cooled inverter machine for TIG and MMA welding in Direct Current (DC) with HF arc ignition. 230v, 130A@15% and just 5.3kg. A simple, yet highly controllable unit which even includes a remote control connector, gas solenoid and current slope down. Plus in MMA mode, hot start and anti-stick functions.

TECHNOLOGY TIG 165 DC



STOCK CODE	PRODUCT
60TWN815511	TIG 165 DC
60TWN815511	TIG Welding Kit

Single phase, fan-cooled inverter machine for TIG and MMA welding in Direct Current (DC) with TIG HF and LIFT striking. Features post gas and slope down current control, gas solenoid and remote control connection. 160A@40% output. Fully portable weighing only 12.6kg. Performs well in MMA mode with it's anti-stick function.

TECHNOLOGY TIG 172 AC/DC



STOCK CODE	PRODUCT
60TWN815541	TIG 172 AC/DC
60TWN815541	TIG Welding Kit

A quite amazing single phase AC/DC TIG power source. Microprocessor controlled inverter with HF or LIFT striking. Squarewave, with post gas and slope down control option. 160A@25% output and weighs just 12.8kg. Simple interface and very user-friendly.

TECHNOLOGY TIG 180 AC/DC



STOCK CODE	PRODUCT
60TWN815513	TIG 180 AC/DC
60TWN815513	TIG Welding Kit

A microprocessor controlled, fan-cooled single phase inverter for AC/DC TIG with HF or LIFT striking. 15 factory programmes and 15 personal ones. Pulse DC and Squarewave AC. 160A@40% output and very portable - 22kg. One of our best selling TIG's.

SUPERIOR TIG 241 DC



STOCK CODE	PRODUCT
60TWN815507	TIG 241 DC
60TWN815507	TIG Welding Kit

A microprocessor controlled, 3 phase, fan-cooled inverter for TIG and MMA welding in DC with HF or LIFT striking. Post gas and slope down current control in TIG. Hot start and anti-stick function with arc-force control in MMA. Produces a 220A@40% output and features a remote control connection and a gas solenoid. The unit weighs just 16.1kg and is simple and easy to operate.

SUPERIOR TIG 242 AC/DC



STOCK CODE	PRODUCT
60TWN815508	TIG 242 AC/DC
60TWN815508	TIG Welding Kit

A microprocessor controlled, 3 phase, fan-cooled inverter for MMA and AC/DC TIG welding with HF or LIFT arc ignition. 15 factory welding programmes and 15 personal program locations. Squarewave AC and Pulsed DC. This industrial unit produces 250A@40% yet remains portable at 29kg. Bi-level current function for extra versatility and remote control option for extra ease of use.



ALL OF THESE MACHINES HAVE THE FOLLOWING FEATURES:



ACCESSORIES FOR TIG WELDING

TURNTABLE



STOCK CODE	PRODUCT
60TWN802331	Turntable Package

Helps you to lay down an accurate circular weld, without the need to manually rotate the weld metal. 300mm dia turntable. Adjust to any angle from horizontal to right-angle. Supports 10kg at (90°) and 50kg at 180°. Clockwise or anti-clockwise rotation, adjust to a maximum of 10 turns per minute. Supplied with a full-feature control console incorporating inch and latch start control, speed adjustment and port for connecting a remote foot or hand control. Requires a 230v 1ph mains supply and runs at 250W power.

FOOT CONTROLS



STOCK CODE	PRODUCT
60TWN802017	For 155/172/180/241/242
60TWN802210	For 165

As TIG welding is a process that can require the use of both hands, many skilled welders will often favour the use of a foot control for adjusting the current during welding. Also, the turntable package has the ability to be controlled remotely by a foot control. 2 models are available. The first will suit the TIG 160. The second will suit the TIG 165 DC HF and the turntable.

MILD STEEL TIG RODS



STOCK CODE	PRODUCT
60FR1501650	1.6mm A15 Rods 5kg
60FR1502450	2.4mm A15 Rods 5kg
60FR1503250	3.2mm A15 Rods 5kg

A17 is a low-carbon, double de-oxidised copper-coated mild steel TIG welding rod. A15 is a general purpose, triple de-oxidised copper-coated mild steel TIG welding rod. Both are made to BS2901 Part 1.

STOCK CODE	PRODUCT
60FR1701650	1.6mm A17 Rods 5kg
60FR1702450	2.4mm A17 Rods 5kg
60FR1703250	3.2mm A17 Rods 5kg

STAINLESS STEEL TIG RODS



STOCK CODE	PRODUCT
60FR3081650	1.6mm 308L Rods 5kg
60FR3082450	2.4mm 308L Rods 5kg
60FR3083250	3.2mm 308L Rods 5kg

Our stainless steel rod is offered in the two popular industrial grades, 308L and 316L. Other grades available on request. Made to BS2901 Part 2.

Can also be used for Oxy Fuel Gas welding.

STOCK CODE	PRODUCT
60FR3161050	1.0mm 316L Rods 5kg
60FR3161650	1.6mm 316L Rods 5kg
60FR3162450	2.4mm 316L Rods 5kg
60FR3163250	3.2mm 316L Rods 5kg

TUNGSTENS



STOCK CODE	PRODUCT
60HP16116P	1.6mm Thoriated (Red Tip) Tungstens Pk 10
60HP16124P	2.4mm Thoriated (Red Tip) Tungstens Pk 10
60HP16132P	3.2mm Thoriated (Red Tip) Tungstens Pk 10

Used as the electrode to strike and maintain a TIG welding arc. They are available in 'red-tip' Thoriated (DC negative) for mild & stainless steel etc, 'grey-tip' Ceriated (AC & DC) for a range of ferrous and non-ferrous metals - with excellent ignition performance and 'black-tip' Lanthanated (AC & DC) for ferrous and non-ferrous metals - with good re-ignition properties. All are offered in 1.6mm, 2.4mm & 3.2mm diameter versions, in 150mm lengths and are sold in packs of 10. Other diameters are available on request.

STOCK CODE	PRODUCT
60HP16316P	1.6mm Ceriated (Grey Tip) Tungstens Pk 10
60HP16324P	2.4mm Ceriated (Grey Tip) Tungstens Pk 10
60HP16332P	3.2mm Ceriated (Grey Tip) Tungstens Pk 10

STOCK CODE	PRODUCT
60HP16516P	1.6mm Lanthanated (Blk Tip) Tungstens Pk 10
60HP16524P	2.4mm Lanthanated (Blk Tip) Tungstens Pk 10
60HP16532P	3.2mm Lanthanated (Blk Tip) Tungstens Pk 10

ACCESSORIES FOR TIG WELDING (cont)

PICKLING PASTE



STOCK CODE	PRODUCT
60EEP264000	Avesta 101 - 2.6kg Jar
60EEP264010	Avesta 122 - 2.6kg Jar
60EEP264020	Avesta 130 - 2.6kg Jar

By chemically removing weld oxide, burn marks, iron ingress and surface rust, the appearance and service life of stainless steel is greatly improved by these products. Under the Avesta brand of pickling pastes, 3 products are available: The 101, the standard, most popular type, with a thick consistency and good adhesion; the 122, a stronger and more free-flowing version of the 101; and the 130 Blue, a revolutionary pickling paste virtually free from toxic, nitric fumes. All are available in 2.6kg jars.

ARGON FLOWMETERS



STOCK CODE	PRODUCT
60AU200B	Flowmeter - 0-15LPM
60AU300B	Flowmeter - 0-40LPM

The flowmeter is designed to be fitted to the outlet of a regulator to provide greater control of the flow of the shielding gas used in TIG and MIG welding. Two models are available, the first rated at 0 to 15 litres per minute (63 cf/h), the second rated at 0 to 40 litres per minute (84 cf/h). Both have a 3/8" BSP right-hand threaded female inlet and a 3/8" BSP right-hand threaded male outlet and can service a maximum inlet pressure of 2 bar. They should be used with argon or Ar/CO2 mix shielding gas. These flowmeters are ideal where accuracy and reliability of flow rate are essential. Both are British Made.

SINGLE-STAGE 1 GAUGE REGULATORS



STOCK CODE	PRODUCT
60AE2005W	Single-Stage 1 Regulator

This simple regulator is designed to allow basic control of shielding gas flow and to indicate bottle contents. It has a 5/8" BSP inlet fitting and a 3/8" BSP outlet fitting and should be used with either an argon or mixed Ar/CO2 gas cylinder. The output pressure can be set by following the basic markings on the knob and the bottle contents are shown via the top-mounted gauge. This is considered a more economical option, where the accuracy and reliability of pressure is not essential. A flowmeter can be attached to govern flow.

MULTI-STAGE 2 GAUGE REGULATORS



STOCK CODE	PRODUCT
60AE7005W	Multi-Stage 2-Gauge Argon
60AE7010W	Multi-Stage 2-Gauge Helium

These regulators are designed to allow control of shielding gas flow and provide more accuracy and control over pressure. They have a 5/8" BSP inlet fitting and a 3/8" BSP outlet fitting. Models are available to suit argon and helium (which is often used when welding aluminium). One gauge shows pressure and the other shows bottle contents. These regulators are British Made and will service a 300 Bar cylinder. Both the helium regulator and the argon regulator have a 7 bar maximum output.

CLEAR BRAIDED HOSE



STOCK CODE	PRODUCT
60BY216000	Braided Hose 6mm x 30m
60BY216000P	Braided Hose 6mm Per Mtr
60BY216005	Braided Hose 8mm x 30m
60BY216010	Braided Hose 10mm x 30m

Clear braided hose is a very popular and versatile hose product. Often used in water recirculation attached to cooler inlet and outlet fittings, or as an alternative to using the proper black argon hose for the short transport of inert shielding gases from regulator to MIG or TIG machine. Available on a 30m coil, or by the metre.

TIG ADAPTOR



STOCK CODE	PRODUCT
60RZ1625TA	16mm - 25mm Type
60RZ3595TA	35mm - 95mm Type

An essential item for use with 'mono' style torches for connecting power and shielding gas supply. 'DIN' type power and 3/8" gas fittings

FIVE SERVICE CENTRES SITUATED ACROSS THE COUNTRY ALLOWING F.H.BRUNDLÉ TO OFFER A FAST, EFFICIENT, FRIENDLY SERVICE.

ACCESSORIES FOR TIG WELDING (cont)

SMALL PARTS BRUSH



STOCK CODE	PRODUCT
60RWWB-15	S/Steel Small Parts Brush

A small, wooden-handled brush with stainless steel bristles for cleaning dirt and carbon deposits from TIG torch parts, etc. Although TIG is a comparatively clean process, the build-up of dirt and deposits can restrict the flow of shielding gas, impair high frequency and reduce your weld quality.

STANDARD WATER COOLER



STOCK CODE	PRODUCT
60TWN802056	115v 1ph Water Cooler
60TWN802043	230v 1ph Water Cooler
60TWN602035	Quick Connectors (F) x2

A 1ph water cooler/re-circulator suitable for use with most MIG, TIG and Spot Welding machines. Operates at 270 watts (W) power, with a 2 kilowatt (kW) cooling capacity. Features a rust-free plastic water tank with a 5 litre water capacity, a pump providing 2 litres per minute, and a forced air cooling system. Male Quick-Connector fittings. Female Quick-Connectors are available separately. Available in 115v or 230v.

PROTECTIVE BLANKETS



STOCK CODE	PRODUCT
60ESF5001	Protective Blanket 1m ²

1100gsm woven glass fibre fabric with silicon coating. 1m x 1m. Very flexible Highly tear and abrasion resistance. Will support 35g @ 1450°C. Meets EN532 & 407.

WELDING CURTAINS & MULTI-SIZE FRAME



STOCK CODE	PRODUCT
60EZFRAME	Multi-Sized EZ-Frame
60EZ6X4C	Curtain - Canvas 6ft x 4ft
60EZ6X4LG	Curtain - Green PVC 6ft x 4ft
60EZ6X4HA	Curtain - Amber PVC 6ft x 4ft
60EZ6X6C	Curtain - Canvas - 6ft x 6ft
60EZ6X6LG	Curtain - Green PVC - 6ft x 6ft
60EZ6X6HA	Curtain - Amber PVC - 6ft x 6ft
60EZ6X8C	Curtain - Canvas - 6ft x 8ft
60EZ6X8LG	Curtain - Green PVC - 6ft x 8ft
60EZ6X8HA	Curtain - Amber PVC - 6ft x 8ft

EZ-Frame is an easy to assemble, universal portable curtain frame system that can accommodate a range of curtain sizes. With a fixed 6ft height, the EZ-Frame's width can be adjusted to 4ft, 6ft and 8ft.

A range of curtains are available in a choice of 3 materials; flame retardant green canvas, low visibility dark green PVC (for MIG, TIG and Stick) and high visibility amber (for Oxy/Fuel and Plasma).

All of these curtains are offered in 3 sizes; 6ft x 4ft, 6ft x 6ft and 6ft x 8ft.

All our curtains meet the requirements of EN1598 and are supplied with top eyelets and side envelope seams to suit a variety of methods for mounting to frames, bars, etc.

ECONOMY WELDING FRAMES



STOCK CODE	PRODUCT
60EZ223000	Economy Frame - 6ft x 4ft
60EZ223005	Economy Frame - 6ft x 6ft
60EZ223010	Economy Frame - 6ft x 8ft
60EZRING51	Split Ring

A range of low-cost, lightweight, portable welding frames, manufactured from galvanised steel box section for enhanced strength. They are capable of accommodating welding curtains that are attached to the top horizontal bar by split rings passed through the eyelets in our range of curtains.

Shipped flat-packed and easy to assemble the economy portable welding frames have a standard height of 6ft and are available in a choice of three widths; 4ft, 6ft and 8ft. Split rings are also available. 1 per foot.

PVC KNIT-WRIST GLOVES



STOCK CODE	PRODUCT
60EAD008	PVC Knit-Wrist Glove - Pair

A popular glove that combines low cost and effective protection with a heavy-duty smooth finish PVC coating on a cotton knit-wrist glove. The liquid-proof PVC resists most oils and greases and light caustics. These gloves provide excellent abrasion resistance. Ideal for general purpose use. Available in one size.

CHROME RIGGER GLOVES



STOCK CODE	PRODUCT
60EAD002	Chrome Riggers - Pair

The popular, low-cost 'Canadian Rigger' style of general handling glove. Suitable for use in handling minimal-risk materials. The chrome riggers offer low abrasion and piercing protection and are typically used as a more short-term disposable solution. These gloves are CE approved.

HEAVY DUTY RIGGER GLOVES



STOCK CODE	PRODUCT
60EAD004	Power Riggers - Pair

A more industrial version of the 'Canadian Rigger' style handling glove, that offers superior quality and increased protection from dirt, mild cuts and abrasion in a minimal risk application. Good tear and puncture resistance. Fully lined with a chrome leather palm, cotton-drill back & a rubberised cuff. This glove is CE approved EN420.

RED SUPERIOR GAUNTLET



STOCK CODE	PRODUCT
60EAD009	Red Superior Gauntlets

By popular demand, our red superior welding gauntlets are fully lined and provide a high level of comfort & protection.

GREEN WELDERS' GAUNTLET



STOCK CODE	PRODUCT
60EAD000	GP Green Gloves

Fully lined. Green split leather with a one-piece back, welted thumb and fingers. 'Cat 2' product suitable for use in welding applications.

SKINTEX BLUE GLOVES



STOCK CODE	PRODUCT
60EAD007	Skintex Blue Gloves

Fully lined and padded Skintex offer good protection to the wearer in MIG, Stick or Oxy/Fuel welding and in plasma or oxy/fuel cutting.

KROMER WELDERS' CAPS



STOCK CODE	PRODUCT
60ESF287000	Kromer Cap 6 7/8
60ESF287001	Kromer Cap 7
60ESF287002	Kromer Cap 7 1/8
60ESF287003	Kromer Cap 7 1/4
60ESF287004	Kromer Cap 7 3/8
60ESF287005	Kromer Cap 7 1/2
60ESF287006	Kromer Cap 7 5/8
60ESF287007	Kromer Cap 7 3/4
60ESF287008	Kromer Cap 7 7/8

The most famous and widely used brand of welders caps. Hand crafted in the USA for over 99 years and individually checked, Kromer caps are available in a range of fixed head sizes from 6 7/8" to 7 7/8" and in a variety of eye-catching designs. Double stitch. Cotton sweatband. Washable, durable. Style A.

PLASMA 31



STOCK CODE	PRODUCT
60TWN815081	Plasma 31 Package
60TWN742400	Replacement Torch

A 1ph, 230v inverter, compressed air cutting system. Contact striking of pilot arc. Complete with torch, highly portable and weighing only 6.2kg. Max current of 15A @20% and max cutting thickness of 8mm.

PLASMA 34



STOCK CODE	PRODUCT
60TWN815084	Plasma 34 Package
60TWN742400	Replacement Torch

Very popular, Single phase, fan-cooled inverter, compressed air cutting system with contact striking of pilot arc. Complete with torch, portable and weighing 12.5kg. Max current of 20A @25% and max cutting thickness of 6mm. Equipped with a compressor and needs no connection to an external compressed air power source.

PLASMA 41



STOCK CODE	PRODUCT
60TWN815085	Plasma 41 Package
60TWN742401	Replacement Torch

Our popular Single phase, inverter, compressed air cutting system. Micro-processor controlled with contact striking of pilot arc. Complete with torch, portable and weighing 12kg. Max current of 40A @30% and cutting thickness of 12mm. It allows rapid, distortion-proof cutting of steel, stainless steel, aluminium, copper & brass.

PLASMA 80/3 HF



STOCK CODE	PRODUCT
60TWN830502	Plasma 80/3 HF Package
60TWN742401	Replacement Torch

Three phase, compressed air plasma cutting system on wheels, with HF (High Frequency) striking of pilot arc. It allows rapid, distortion-proof cutting of mild steel, stainless steel, galvanised steel, aluminium, copper & brass etc. It may be used with long nozzles and comes complete with torch. Max current of 30A @100%, a max cutting thickness of 20mm and weighs 80kg. 2 positions for regulation of cutting current and visualisation of air pressure.

PLASMA 90 HF



STOCK CODE	PRODUCT
60TWN815518	Plasma 90 HF Package
60TWN742401	Replacement Torch

Three phase, fan cooled inverter, compressed air plasma cutting system. Microprocessor controlled HF (High Frequency) striking of pilot arc. Complete with torch, earth cable and clamp and still portable weighing 30kg. Max current of 90A @40% and max cutting thickness of 30mm. Possibility to cut on mesh with automatic restart of the pilot arc.

PLASMA 120/3 HF



STOCK CODE	PRODUCT
60TWN815503	Plasma 120/3 HF Package
60TWN742401	Replacement Torch

Three phase, compressed air plasma cutting system on wheels with HF (High Frequency) striking of pilot arc. It allows rapid, distortion-proof cutting of mild steel, stainless steel, galvanised steel, aluminium, copper & brass etc. It may be used with long nozzles and comes complete with torch. Max current of 65A @60%, or 115A @30% and max cutting thickness of 30mm. Weighs 95kg.

ALL OF THESE MACHINES HAVE THE FOLLOWING FEATURES:



REPLACEMENT CONSUMABLE TORCH PARTS FOR PLASMA 31



STOCK CODE	PRODUCT
60TWN742065	6m Torch
60TWN802423	Standard Nozzles x Pack 5
60TWN802420	Standard Electrodes x Pack 5
60TWN802425	Safety Cup (Shroud) x Pack 2
60TWN802422	Insulating Diffuser x Pack 5

REPLACEMENT CONSUMABLE TORCH PARTS FOR PLASMA 34



STOCK CODE	PRODUCT
60TWN742239	4m Torch
60TWN802092	Standard Nozzles x Pack 5
60TWN802420	Standard Electrodes x Pack 5
60TWN802093	Safety Cup (Shroud) x Pack 2
60TWN802422	Insulating Diffuser x Pack 5

REPLACEMENT CONSUMABLE TORCH PARTS FOR PLASMA 41



STOCK CODE	PRODUCT
60TWN742065	6m Torch
60TWN802092	Standard Nozzles x Pack 5
60TWN802429	Long Nozzles x Pack 5
60TWN802420	Standard Electrodes x Pack 5
60TWN802428	Long Electrodes x Pack 5
60TWN802425	Safety Cup (Shroud) x Pack 2
60TWN802422	Insulating Diffuser x Pack 5

REPLACEMENT CONSUMABLE TORCH PARTS FOR PLASMA 80/3HF



STOCK CODE	PRODUCT
60TWN722474	6m Torch
60TWN802077	Standard Nozzles x Pack 5
60TWN802079	Long Nozzles x Pack 5
60TWN802076	Standard Electrodes x Pack 5
60TWN802078	Long Electrodes x Pack 5
60TWN802081	Safety Cup (Shroud) x Pack 2
60TWN802080	Insulating Diffuser x Pack 2
60TWN802128	Spacer x Pack 5

REPLACEMENT CONSUMABLE TORCH PARTS FOR PLASMA 90



STOCK CODE	PRODUCT
60TWN722332	6m Torch
60TWN802119	Standard Nozzles x Pack 5
60TWN802083	Long Nozzles x Pack 5
60TWN802122	Standard Electrodes x Pack 5
60TWN802082	Long Electrodes x Pack 5
60TWN802126	Safety Cup (Shroud) x Pack 2
60TWN802123	Insulating Diffuser x Pack 5
60TWN802127	Spacer x Pack 5
60TWN802121	Brass Diffuser x Pack 5
60TWN802120	Ring

REPLACEMENT CONSUMABLE TORCH PARTS FOR PLASMA 120/3HF



STOCK CODE	PRODUCT
60TWN722332	6m Torch
60TWN802119	Standard Nozzles x Pack 5
60TWN802083	Long Nozzles x Pack 5
60TWN802122	Standard Electrodes x Pack 5
60TWN802082	Long Electrodes x Pack 5
60TWN802126	Safety Cup (Shroud) x Pack 2
60TWN802123	Insulating Diffuser x Pack 5
60TWN802127	Spacer x Pack 5
60TWN802121	Brass Diffuser x Pack 5
60TWN802120	Ring

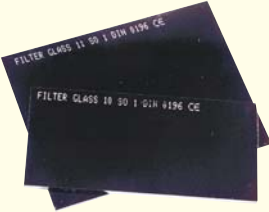
50mm (2") ROUND LENSES



STOCK CODE	PRODUCT
60EE1990GS	50mm Dia. Clear Lens
60EE19904	50mm Dia. Sh 4 Lens
60EE19905	50mm Dia. Sh 5 Lens
60EE19906	50mm Dia. Sh 6 Lens
60EE19910	50mm Dia. Sh 7 Lens
60EE19911	50mm Dia. Sh 8 Lens

Replacement lenses for use in the round lens goggles and leather mask goggles. Clear and shaded available.

GLASS WELDING LENSES



STOCK CODE	PRODUCT
60EHW442008G	4 1/4" x 2" Shade 8ew
60EHW442009G	4 1/4" x 2" Shade 9ew
60EHW442010G	4 1/4" x 2" Shade 10ew
60EHW442011G	4 1/4" x 2" Shade 11ew
60EHW442012G	4 1/4" x 2" Shade 12ew
60EHW442013G	4 1/4" x 2" Shade 13ew

Solid glass shaded lenses available in a range of popular shades and sizes. High-quality, CE approved.

STOCK CODE	PRODUCT
60EHW443408G	4 1/4" x 3 1/4" Shade 8ew
60EHW443409G	4 1/4" x 3 1/4" Shade 9ew
60EHW443410G	4 1/4" x 3 1/4" Shade 10ew
60EHW443411G	4 1/4" x 3 1/4" Shade 11ew
60EHW443412G	4 1/4" x 3 1/4" Shade 12ew
60EHW443413G	4 1/4" x 3 1/4" Shade 13ew

STOCK CODE	PRODUCT
60EHW425408G	4 1/2" x 5 1/4" Shade 8ew (HD)
60EHW425409G	4 1/2" x 5 1/4" Shade 9ew (HD)
60EHW425410G	4 1/2" x 5 1/4" Shade 10ew (HD)
60EHW425411G	4 1/2" x 5 1/4" Shade 11ew (HD)
60EHW425412G	4 1/2" x 5 1/4" Shade 12ew (HD)
60EHW425413G	4 1/2" x 5 1/4" Shade 13ew (HD)

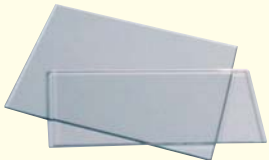
SPLIT-SHADE LENSES



STOCK CODE	PRODUCT
60EEU2442010	4 1/4" x 2" Shade 10ew
60EEU2442011	4 1/4" x 2" Shade 11ew
60EEU2443410	4 1/4" x 3 1/4" Shade 10ew
60EEU2443411	4 1/4" x 3 1/4" Shade 11ew
60EEU2425410	4 1/2" x 5 1/4" Shade 10ew
60EEU2425411	4 1/2" x 5 1/4" Shade 11ew

Lighter 'top' viewing area and a darker bottom welding area. Prevents the need for nod-down.

CLEAR GLASS COVER LENSES



STOCK CODE	PRODUCT
60ES442000G	4 1/4" x 2" Clear Glass
60ES443400G	4 1/4" x 3 1/4" Clear Glass
60ES425400G	4 1/2" x 5 1/4" Clear Glass

Popular sized clear glass cover lenses for use in front of a shaded lens.

'CR39' TYPE LENSES



STOCK CODE	PRODUCT
60ES442000PPCE	4 1/4" x 2" Lens
60ES1106000PPCE	110 x 60mm Lens
60ES443400PPCE	4 1/4" x 3 1/4" Lens
60ES1109000PPCE	110 x 90mm Lens
60ES425400PPCE	4 1/2" x 5 1/4" Lens

To EN166. Cover lenses protect filters from spatter.

SHADE 5 GAS WELDING SPECS



STOCK CODE	PRODUCT
60EF909083	Shade 5 Specs

These safety specs are designed to be worn on their own or over prescription glasses when oxy/fuel gas welding, to protect the eyes from heat and the UV and IR produced by the oxy/fuel gas flame.

WELDING SAFETY (cont)

SKI-TYPE GOGGLES



STOCK CODE	PRODUCT
60DS1001	Ski-Type Goggles

A popular model of shaded goggle, designed for use in oxy/fuel gas welding. Includes a shade 5 lens. CE approved to EN166 and EN169.

ROUND LENS FLIP-UP GOGGLES



STOCK CODE	PRODUCT
60DS1002	Round Lens Flip-up Goggles

Our most popular model of shaded goggle, designed for use in oxy/fuel gas welding. Includes clear and shade 5 50mm lenses. Flip-up style lens holder.

4 1/4" x 2" FLIP-UP GOGGLES



STOCK CODE	PRODUCT
60DS1003	Flip-up Goggles

A comfortable and convenient model of goggle with a flip-up lens holder. Used in oxy/fuel gas welding applications. Supplied with clear and shade 5, 4 1/4" x 2" lenses fitted.

FIXED-FRONT HANDSHIELD



STOCK CODE	PRODUCT
60ES4434FF	4 1/4" x 3 1/4" Handshield
60EFLENSG4310	Replacement Lenses

A popular design of hand-held welding shield that has a 4 1/4" x 3 1/4" viewable area. It is ideal for use in Stick & MIG welding. Durable and easy to assemble. Shipped complete with a kit of suitable welding lenses. Replacement lens kits can also be purchased separately.

LIGHTWEIGHT HELMET



STOCK CODE	PRODUCT
60ES44X20LF	4 1/4" x 2" Flip-Up Helmet
60EFLENSG4210	Replacement Lens Kit
60ES4434LW	4 1/4" x 3 1/4" Helmet
60EFLENSG4310	Replacement Lens Kit

A solid, hard-wearing, thermoplastic welding helmet complete with a comfortable headgear. Available in 4 1/4" x 2" flip-up and 4 1/4" x 3 1/4" fixed versions. Complete with lens kit.

4 1/4" x 3 1/4" FIXED/FLIP HELMET



STOCK CODE	PRODUCT
60EF811064	4 1/4" x 3 1/4" Helmet
60EFLENSG4310	Replacement Lenses

A strong and rugged, yet lightweight and comfortable thermoplastic black welding helmet complete with headgear and lens kit. 4 1/4" x 3 1/4" fixed or flip-up operation. Replacement lens kits available.

AUTO/ARC-POWERED HELMET - SOLEX



STOCK CODE	PRODUCT
60EJ101896	Auto Helmet - Solex
60ES425400PPCE	Replacement Lenses

4 1/4" x 3 1/4" version also available for use in a suitable helmet.

Our most popular Electronic Quick-Change helmet. The Solex automatically switches from an 'off' Shade 3 to an 'on' Shade 10 in less than 1 millisecond. Provides protection from Ultra Violet and Infra Red to Shade 12 level at all times. No battery required, the solar cell recharges as you weld. The Solex has a 4 1/2" x 5 1/4" lens cartridge and 96mm x 41mm viewable area.

AUTO/ARC-POWERED HELMET - VISION GUARDIAN



STOCK CODE	PRODUCT
60EVG11090	Auto Helmet - Vision Guardian

The Vision Guardian is a comfortable, durable, attractive helmet containing our most advanced Electronic Quick-Change filter, which is variable from shade 8 to 12 and requires no batteries. Lens cartridge switches in less than 1/10,000 sec and has a solar cell that recharges as you weld. 96mm x 41mm viewable area. Includes cover and backing lenses.

INDUSTRIAL SAFETY (cont)

LEATHER WELDING MASKS



STOCK CODE	PRODUCT
60EF813000	Leather Mask - Standard
60EF813001	Leather Mask - Standard +F
60EF813010	Leather Mask - XL
60EF813011	Leather Mask - XL +F
60ESF4007	Chrome Lthr Skull Cap

Also often referred to as 'monkey masks', these products are designed to provide protection and still allow the wearer access to more confined spaces. With intergrated flip-up shaded goggles. Kevlar stitched. Flexible tanned leather is kind to your skin. Available in 2 sizes. +F indicates with optional side flaps.

LEATHER JACKETS



STOCK CODE	PRODUCT
60ESF4004	Chrome Lthr Jacket - M
60ESF4005	Chrome Lthr Jacket - L
60ESF4008	Chrome Lthr Jacket - XL
60ESF4010	Chrome Lthr Jacket - XXL

Worn over garments to protect upper body & arms from spatter, sparks and heat. High quality chrome leather. Velcro and popper fasteners with covering flap. 4 sizes available. CE approved to EN470.

CHROME LEATHER APRONS



STOCK CODE	PRODUCT
60ESF4003	Apron - 36"
60ESF4003BCK	Apron - 36" c/w Buckle & Strap
60ESF4009	Apron - 42"

Worn over clothes to protect the wearer from spatter, sparks and heat. Supplied with ties. Made from quality chrome leather. Available in small 36" and large 42" sizes. Versions available with a buckle and strap. All CE approved to EN470.

CHROME LEATHER SLEEVE



STOCK CODE	PRODUCT
60ESF4002	Standard Sleeve (each)
60ESF4002L	Large Sleeve (each)

Worn over a welders shirt sleeve to protect their clothes and arms from sparks, spatter and heat generated from welding and industrial applications. Two versions available, the standard, with elasticated cuffs, and the large, with a buckle. Both are 18in long and CE approved to EN470.

CHROME LEATHER SPAT



STOCK CODE	PRODUCT
60ESF4006	Standard Sleeve (each)
60ESF4006L	Large Sleeve (each)

Worn over the welders foot and lower leg to protect their shoes and trousers from sparks, spatter and heat generated from welding and industrial applications. Two sizes available. Standard has a velcro seam, Large has buckles. CE approved.

CHROME LEATHER KNEE PAD



STOCK CODE	PRODUCT
60ESF240006	Knee Pad (each)

Often a welder will need to weld kneeling down. This can often be uncomfortable and substances or objects on the floor can cause damage to the welders clothes. To help overcome this, a knee pad is available. Made from chrome leather, the kneepad is hard-wearing and cushioned by an inner pad. One size.

IF YOU DON'T SEE YOUR EXACT REQUIREMENTS WITHIN THIS CATALOGUE, PLEASE ASK ONE OF OUR FRIENDLY SALES PEOPLE FOR ASSISTANCE