

Help with choosing the right products

Every area a cable management product is used requires an element of health and safety consideration to protect against loss, damage or increased risk of fatalities. To help you make the right choices depending on the installation, HellermannTyton has developed a simple graphical key. Look out for these icons throughout this section.



Electrical Installation Tools and Accessories

As well as HellermannTyton supplying core products to the electrical industry, we also have available a range of indispensable products and accessories used from day to day in electrical distribution.

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The Award Winning Cable Rod system – voted **'The Best Product of the Last Fifty years'** by professional trades people and engineers that have used the range. Installations are faster, cleaner, neater and frequently use less materials – a winning combination for improved service, profits and professionalism. 100% testing is carried out on all rods.



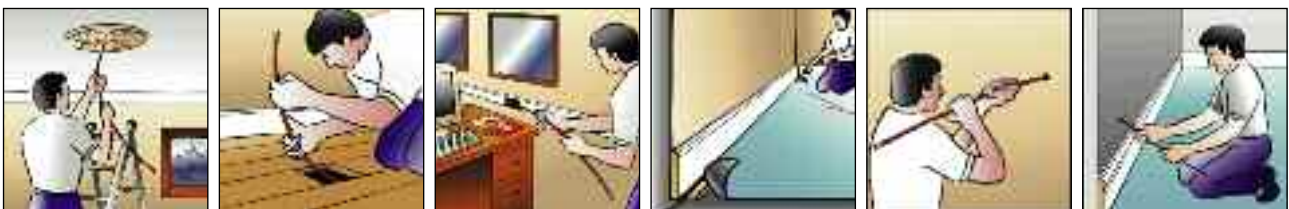
The real innovation behind the Cable Rod system is that it doesn't just route cable, it's a multi – purpose tool that will also allow inspection, illumination and retrieval with the many ingenious and time saving attachments available.



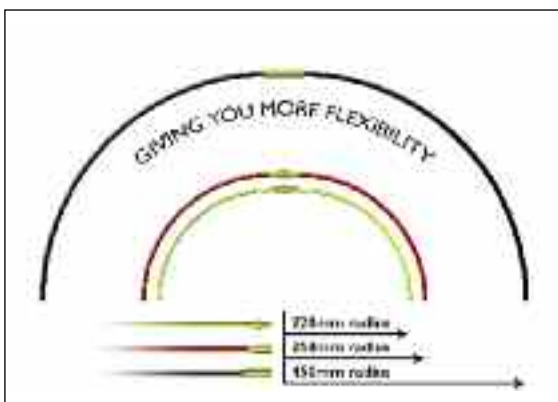
The Cable Rod system has helped to save over **16 million hours** to the electrical industry to date.

By using the Cable Rod range you can expect to:

- Cut cable installation time by up to 60%
- Increase safety – reduce ladder work
- Minimise disruption to the work site
- Solve installation associated problems
- Route and conceal cable easily



CABLE ROD	ROD SET	TIME SAVING BASED ON CUSTOMER SURVEYS										
		0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
	MEGA SET	[Progress bar from 20% to 80%]										
	DELUXE SET	[Progress bar from 15% to 75%]										
	SUPER SIX	[Progress bar from 10% to 65%]										
	CLASSIC STANDARD	[Progress bar from 5% to 55%]										
	HANDY SET	[Progress bar from 10% to 45%]										
	TOOL BOX SET	[Progress bar from 10% to 45%]										



Insight into the elements that make up a Cable Rod.

Using the right rod for the job is essential for rapid and easy installations and a key factor is choice of flexibility.

Our principle rods are made in three flexes because a rod that will go around pronounced bends won't be rigid enough to span a large void or to push through obstructed routes.

To improve handling and life expectancy, and to remove splinter and irritation problems our Principle Rods are made from unique, wear-resistant Adoxim4®. Its inherent good natured qualities mean we avoid the bulky coatings used to cover up low grade rods.



Adoxim 4°

Adoxim4° is a special formula developed by Super Rod specifically for professional trade use. As well as vastly improving handling, Adoxim4° has both extra stiffness AND extra flexibility.

In practice that means you can push a 'rod-train' further without it snaking AND you can bend it more without it breaking.

Strong metal end fittings have a simple friction-lock action to keep rods more securely joined, and a smooth shaped finish that reduces snagging.

These fittings, our bonding methods and new Adoxim4° mean Cable Rods are now even better.

Cable Rod means Quality.

100% testing on all rods is religiously performed.

From goods in checks of raw materials to sourcing the best quality products possible, the Cable Rod system will deliver to you the optimum in quality that can be achieved in a cable routing system. Speciality bespoke machinery is used to perform scientific and exact testing on all components that make up the Cable Rod system.



Cable Rod • Rod Sets

Mega Set - CRMX

The Mega Set is without a doubt the most comprehensive cable routing kit available on the market. 16 metres of overall rod length including all flexibilities and essential items from the Super-Flex and specialised rod ranges means very few places are inaccessible. The Mega Set enables examination, planning, preparation and installation of the fastest and most economical route - requiring less drilling, fixing and making good.

LENGTH: 16 Metres

APPLICATION: Route - Retrieve - Illuminate - 5 Flexibilities - Grip

Mega Set		
Product	Reference	Price
Mega Set	CRMX	£109.50



The Deluxe Set - CRSD

The Deluxe set is a comprehensive selection of rods and attachments that can tackle some of the most difficult tasks you will encounter. A choice of three different flexibilities, 10 metres of rod, 7 cable handling attachments and the Super Beam boost the usefulness of this set into orbit..

LENGTH: 10 Metres

APPLICATION: Route - Retrieve - Illuminate - 4 Flexibilities

Deluxe Set		
Product	Reference	Price
Deluxe Set	CRSD	£71.50



The Super Six Set - CRS6

The Super Six is the intermediate set in the Cable Rod System, offering 3 variants of flexibility, over 6 metres of rods, plus a range of attachments that enable the installer to push, pull and retrieve cables in many situations..

LENGTH: 16 Metres

APPLICATION: Route - Retrieve - Illuminate - 3 Flexibilities

Super Six Set		
Product	Reference	Price
Super Six Set	CRS6	£43.95



T

The Standard Set - CRSS

The Standard Set is the ideal starter set offering 2 variants of flexibility, over 5 metres of rods, plus a range of attachments that enable installers to push, pull and retrieve cables in many situations.

LENGTH: 5 Metres
APPLICATION: Route - 2 Flexibilities

Standard Set		
Product	Reference	Price
Standard Set	CRSS	£32.95



The Handy Set & Tool Box Set

Designed to be used in small cramped areas, the 500mm and 330mm rods provide four degrees of flexibility for any cable installation job where the larger range of Cable Rods may not be practical.

Handy Set - 500mm rods, Toolbox Set - 330mm rods.
 Handy Set is the set shown.

LENGTH: 16 Metres
APPLICATION: Route - Retrieve - Illuminate - 5 Flexibilities - Grip

Handy Set & Tool Box Set		
Product	Reference	Price
Handy Set	CRHS	£19.55
Tool Box Set	CRTB	£19.55




Cable Rod Kit Selection Chart

ROD CONTENTS		1000mm				500mm			330mm				1000mm		
		4mm YELLOW	5mm RED	6mm BLACK	5mm NYLON	4mm YELLOW	5mm RED	6mm BLACK	4mm YELLOW	5mm RED	6mm BLACK	5mm NYLON	5mm GLO SWIVEL ROD	4mm SWIVEL ROD	5mm SWIVEL ROD
MEGA SET	CRMX	***	*****	**	*								•	•	•
DELUXE SET	CRSD	**	*****	**											
SUPER SIX	CRS6	**	***	*											
STANDARD SET	CRSS	*	****												
TOOL BOX SET	CRTB							•	••	•	•				
HANDY SET	CRHS					•	••	•				•			

ATTACHMENT CONTENTS		FLEX LEAD	DOMED BULLET	FLAT BULLET	MINI EYE	MINI HOOK	TUFF HOOK	SINGLE MAGNET	DOUBLE MAGNET	GENDER CHANGER	SUPER BEAM	CHAIN	6-10 GAP	11-13 GAP	SHAPE-IT FLEX LEAD
MEGA SET	CRMX	•	•	•	•		•		•	•	•	•	•	•	•
DELUXE SET	CRSD	•	•	•	•		•	•		•	•				
SUPER SIX	CRS6	•	•	•	•		•	•		•					
STANDARD SET	CRSS	•	•		•	•				•					
TOOL BOX SET	CRTB		•		•	•									
HANDY SET	CRHS		•		•	•									




Rod Pairs

Using the right rod for the job is essential for rapid and easy installations and a key factor is choice of flexibility. The various choices of rod pairs allow you freedom to extend the functionality of your Cable Rod system.

Principle Rod Pairs			
Product	Description	Reference	Price
Floppy Rod Pair 	The 4mm Bendi-Rod really comes into its own when you are working in a restricted space such as in corners and close to floors and ceilings. The greater flexibility allows a high degree of bending without fear of snapping, yet the rods retain sufficient stiffness for pushing cable into place.	CRFF	£10.90
Standard Rod Pair 	The universal 5mm rod is a very happy compromise between flexibility and stiffness. It has enough flex to cope with smooth sweeping bends, is rigid enough to span open areas and is strong enough to push through many obstructions. The universal rod is the staple rod in all our Cable Rod sets.	CRSR	£10.90
Stiffy Rod Pair 	The tough 6mm Stiffy Rod swaps flexibility for rigidity and strength. Good for bullying its way through insulation, debris and blocked conduit. Long open runs can be easily conquered because of the Stiffy Rod's extra directional control.	CRST	£10.90
Nylon Rod Pair 	This 1000mm rod is so flexible you can tie it in knots – but it is made from a 'no memory' material so will straighten without bends or kinks. Use on its own or with a short 'rod train' to reach really awkward places or to weave a way through multiple obstructions.	CRNR	£13.70

Speciality Rod Pairs

The speciality range of rod pairs each have unique capabilities to overcome specific routing problems encountered in day to day installations.

Speciality Rod Pairs			
Product	Description	Reference	Price
Swivel End Glo Rod 	Working in dark voids and keeping sight of your rod end can be difficult. The half metre fluorescent Glo-rod is the simple but very effective solution and as a bonus comes complete with a Swivel End.	GLSE	£8.70
Swivel End Rod Repair 	The Swivel-End Rod solves the hassle and frustration when cable or flexible conduit keeps twisting as it tries to re-coil – tying itself in knots, twisting out of your hand or trying to unscrew the rods.	SWRP-5/4	£16.35
Mixed Rod Repair 	This rod pair comprises of a standard 5mm standard red rod and 5mm fluorescent Glo rod.	MXRP	£12.60

Super Grips

This attachment provides a quick solution by gripping objects from outside and tightening the grip under tension, they provide a very reliable and super fast method for securing pipes and cables to rods. The Super Grip is available in a wide range of sizes and multi packs which cater for most cable sizes.

Loading of grips? Explanation of size reference ie 'the different Super Grips are identified by colour and by title. The title, for example 4mm - 6mm refers to the diameter of cable it will fit, not the area as with cable measurement.

Super Grips		
Product	Reference	Price
Single Packs		
4mm - 6mm	CRSK0406	£10.90
6mm - 10mm	CRSK0610	£10.90
11mm - 15mm	CRSK1115	£10.90
16mm - 22mm	CRSK1622	£12.50
22mm - 30mm	CRSK2330	£24.70
Multi Packs		
4mm - 15mm Triple Pack	CRSK0415	£24.45
6mm - 15mm Double Pack	CRSK0615	£19.50
16mm - 30mm Double Pack	CRSK1630	£34.95
4mm - 30mm 5 Pack	CRSK0430	£59.50

Glider / Glider X2

The Glider will skip over all sorts of obstructions and is particularly successful routing cable over ceiling insulation and joists. The Glider has been cleverly designed to take other attachments for super efficiency, the Super Grips and Super Beam Torch Attachment can both be used with the Glider maximising on the functionality this item permits. The Glider X2 enables cable to be routed through rougher terrains. Works especially well at height, this Glider will skip effortlessly over an Apex Roof. Made from Nylon for extra bounce!.

Glider		
Product	Reference	Price
GLIDER (75x75x185mm)	CRGLIDE	£8.70
X2 Glider (155x155x325mm)	CRGLIDEX2	£24.99

Super Beam

Inspect cable routes, track and guide rods to target, identify distant objects, cable markers and obstructions. This powerful white LED torch automatically lights up when you screw it onto a rod.

Super Beam Replacement Battery

A handy replacement battery set to complement the 'Super Beam' torch attachment

Super Beam		
Product	Reference	Price
Super Beam	CRSB	£10.90
Replacement Battery	CRRB	£4.00



SOCK	GENERAL INDUSTRY	TYPICAL CABLES
4-6mm OD	Data - Comm's	Data / telephone cable / 7 core speaker cable / alarm cable
6-10mm OD	Domestic	1.5mm / 2.5mm twin & earth 10mm / 16mm earth wire / coaxial
11-15mm OD	Heavy domestic	6mm twin and earth Showers and cookers
16-24mm OD	Commercial	Armoured
25-30mm OD	Industrial	Large armoured



Cable Rods Attachments		Reference	Price
Product	Description		
Attachment Tube 	<p>A comprehensive set of attachments allowing you to extend the functionality of the Cable Rod system. Comprises of:</p> <p>1 x Thread Cleaning Flat Bullet –attachment acts as a snow plough helping you to push rods through gritty dirty places without jamming.</p> <p>1 x Single Magnet – a neat and strong magnet capable of lifting over 1kg.</p> <p>1 x Chain – incredibly useful when used with the magnet for fishing in unsighted areas or when you have to access small areas.</p> <p>1 x Mini Eye and Ring – simply twist a cable or cable-bundle onto the ring for a secure method of pushing or pulling them into place.</p> <p>1 x Gender Changer – most attachments are male threaded – so when you’ve accidentally fed the male end of the rods, just use the gender changer to join male to male.</p> <p>1 x Mini Hook – useful for lightweight cabling and when access is restricted.</p> <p>1 x Flexi Lead –this short leader helps a single rod or rod train around tight corners.</p>	CRAT	£10.90
Chain and Magnet 	 <p>A fantastically useful attachment set . A lifesaver when you are working unsighted or only have a small access hole, the chain literally jumps onto the magnet. Perfect for making the link between lost or obscured rod ends and access holes.</p>	CRCM	£6.80
Mixed Pack of 5 	<p>Contains the following attachments:</p> <p>1 x Tuff Hook 1 x Thread Cleaning Flat Bullet 1 x Gender Changer 1 x Domed Bullet 1 x Mini Eye and Ring</p>	CRMP5	£8.70
Mixed Pack of 7 	<p>Contains the following attachments:</p> <p>1 x Tuff Hook 1 x Mini Hook 1 x Single Magnet 1 x Flat Bullet 1 x Domed Bullet 1 x Mini Eye and Ring 1 x Thread Cleaning Flat Bullet</p>	CRMP7	£9.80


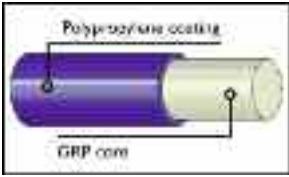




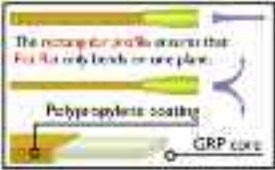
Cable Rod Attachments			
Product	Description	Reference	Price
Mag Com 	<p>For effortless rod end location and tracing. The MagCom is ideal when working blind in studwalls or over solid ceilings. Minimises effort and damage to the working environment.</p> <p>The Mag-Com Tracer is accurate to approximately 60mm depending on the material it has to sense through.</p>	CRMC	£14.85
Head Torch 	<p>Not an attachment, but essential for hands free working in poor light. The HeadTorch is lightweight, compact, comfortable and has 5 ultra-bright LED bulbs. Four settings – low power, full power, flashing and off. 3 AAA included.</p>	SRHT	£14.90
Flexi Lead Kit 	<p>These little devices can also be tied into a knot – but they do keep their shape so you can pre-bend them (again and again) to get a end attachment into really fiddly places or when two holes do not line up. Also includes a 350mm Flexi Lead and Domed Bullet.</p>	CRFKL	£10.90
Double Magnet 	<p>This magnet is so strong it will allow you to pick up a 2.5kg lump hammer. The Double Magnet is not only great at retrieving lost tools and keys, it can also be used to 'pick up' the steel Tuff Hook on the end of another rod and pull it across a void.</p>	CRMG2	£6.50
The Claw 	<p>A double headed attachment which uses the specialised 'shape - it' material HDSM2[®] of slightly varying lengths, enabling you to perform two tasks at once. Suggested attachments to place on the end of The Claw are the Tuff Hook and the Super Beam – illuminate and retrieve all at once.</p>	SRCLAW	£8.30
Brush Pair 	<p>Clear away debris and blockages in conduit, drain pipes and even flues. Brush sizes :</p> <p>1 x 25mm diameter 0.35 filament 1 x 50mm diameter 0.90 filament</p>	CRBR25-50	£9.35


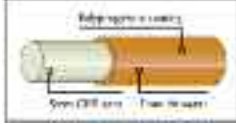
Why coiled based products?

Rod and coiled based products are not competitors; they compliment each other perfectly and should be regarded as equals; each type a master in its own environment but out of place in the other. More and more premises, especially commercial builds, feature cable runs housed in conduit; and involve short radius which are too abrupt for normal rod based systems. The key to successful cabling in conduit is to use a long, thin, highly flexible 'rod' without connectors.

Considerations when choosing coiled products

When routing inside conduit you need flexibility – lots of it, yet at the same time some rigidity is important in order to overcome the friction caused by elbows and other cables. The choice and size of material will dictate this delicate balance. For instance nylon 'fish tape' is the traditional installer's aid with the advantage of low cost, but it suffers from a tendency to tie itself into knots, and it can be too flexible. On the other hand GRP (fibreglass) with a polypropylene coating is regarded as a near perfect material because it offers a very high flex/strength ratio, and when uncoiled there is no tendency to 'recoil' or kink – it is however more expensive! Another thing to consider is the ease of handling. Good coiled products will come in a housing or case. This not only protects the material it also improves the convenience and speed of use.

Coiled Products			
Product	Description	Reference	Price
Cable Rat 	<p>The quick solution to a lengthy problem - draw cables through all manner of curves and bends! The Cable Rat is a quality fish tape for the professional installer. Cable Rat is constructed of the finest quality GRP coated in a smooth polypropylene. Light, portable and extremely strong. Available in lengths of 20 and 30 metres.</p> <p>Cable Rat 20m Cable Rat 30m</p> 	RAT20G RAT30G	£41.05 £65.50
Black Mamba 	<p>A 10 metre alternative to fish tape, but much easier to handle. The Black Mamba is made of HDSM2[®] which has low surface friction and less tendency to recoil.</p> 	SRMAMBA	£9.95
Flat Rat 	<p>10 metre rectangular GRP Flat Rat in a handy plastic dispenser. Complete with Flexi Lead, Domed Bullet and Mini Eye.</p> <p>Maintains strength when being pushed but flexible enough to go around tight conduit bends, the rectangular design keeps the Flat Rat moving forwards - avoiding the problem of coiling that round products can have.</p>  	FRT10	£47.00

Coiled Products			
Product	Description	Reference	Price
CableZilla 	<p>Tough construction, housed on a strong versatile wheel for easy use and storage. CableZilla has high tensile strength and is easy to handle due to the tough polypropylene outer covering. CableZilla is ideal for use in ducting, on long runs and underfloors.</p> <p>Available in lengths of 50 and 100 metres CableZilla 50m CableZilla 100m</p> 	CZLA 50 CZLA 100	POA POA

New Blitz Coiled Installation Tool

The Blitz is a professional solution for cable installation, manufactured from 3mm diameter Fibreglass rod encompassed in a robust Polycarbonate case with the facility to fully unwind & rewind the coil quickly and easily.

Features

- Fast easy cable installation
- Dynamic case allows easy feed out and rewind over longer distances
- No tangles due to its high quality rewinding mechanism
- Cover multiple bends in conduits
- Non-conductive

Cable Rod			
Reference	Description	Qty	Price
BLITZ20	20m Blitz Cable Dispenser	1	£89.00
BLITZ30	30m Blitz Cable Dispenser	1	£99.00



New Snatch Strap - Cable Pulling Accessory

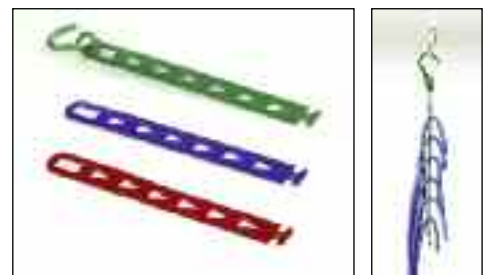
Description

Time is money and when you think about it, a lot of time is spent stripping, taping and untaping wire for fishtape pulls. The Snatch Strap gives you back this time. Because it staggers the wire, you can pull more conductors with less effort. Because Snatch Straps can be daisy chained, you can easily drop wire groups at boxes along the pull.

Features

- No stripping required
- No Tapping required
- 3 Straps per kit

Cable Rod			
Reference	Description	Qty	Price
SSTRAP	Snatch Strap	1	£4.43



Telescopic Pole

Telescopic extendable poles with a polyester resin baked enamel coating for durability. Available in lengths of 5 and 8 metres. Ideal for quick cable routing.

Telescopic Pole		
Product	Reference	Price
Telescopic Pole	CRT5	£78.00
Telescopic Pole	CRT8	£101.93



Cable Rod Merchandising

The Cable Rod merchandiser has been designed to provide stockists with an effective solution of displaying the range of Cable Rod products. Designed to be space efficient whilst still providing maximum point of sale presence the Cable Rod merchandiser is an excellent tool to maximise sales of the Cable Rod range.

Cable Rod merchandiser benefits:

- Increased sales.
- Increased profitability.
- Supplying an innovative market leading brand.
- Increased product visibility and impulse buying.
- Increased Cable Rod set sales will result in an increase in sales/profits for the wide range of attachments.
- Access to Hellermann Tyton Sales / Marketing support to generate further revenue.

Cable Rod	
Profile	Dimensions
A. Height (with product)	130cm
B. Width	35cm
C. Depth	24cm



Cable Rod Attachments				
Product	Description	Reference	Price	
Kit D	7 x CRSS			
	7 X CRSD			
	5 X CRTB			
	5 X CRHS			
	5 X CRAT	CRPSSD	£971.12	



SuperCam V5 - SRCAM

Wireless Infra-red Inspection.
The Tradesman's 'third eye'!



SuperCam V5 - SRCAM

SuperCam is a camera inspection system designed to work alongside the Cable Rod system. Suitable for use in a variety of everyday situations; the camera is the ideal tool for real time inspection. The Tradesman's 'third eye' allows you to remotely view inaccessible areas with minimal disruption to the worksite.

A first for the electrical industry – totally wireless at an affordable price.

Using the SuperCam allows you to inspect:

- Cavity Walls
- Underfloors
- Over Ceilings
- Blockages in Ducting
- Cable Routes
- Snags in Plasterboard
- Cable Faults.



Super Cam V5-IR		
Product	Reference	Price
Super Cam V5-IR	SRCAM	£299.00
Replacement Batteries	SRCAMRB	£4.99



Kablemate

Designed by busy installers, the Maxum is portable and can take up to 10 drums of cable. It has proved over and over again to save hours of frustration and fewer accidents by ensuring no trailing cable, easy spooling and no snagging.

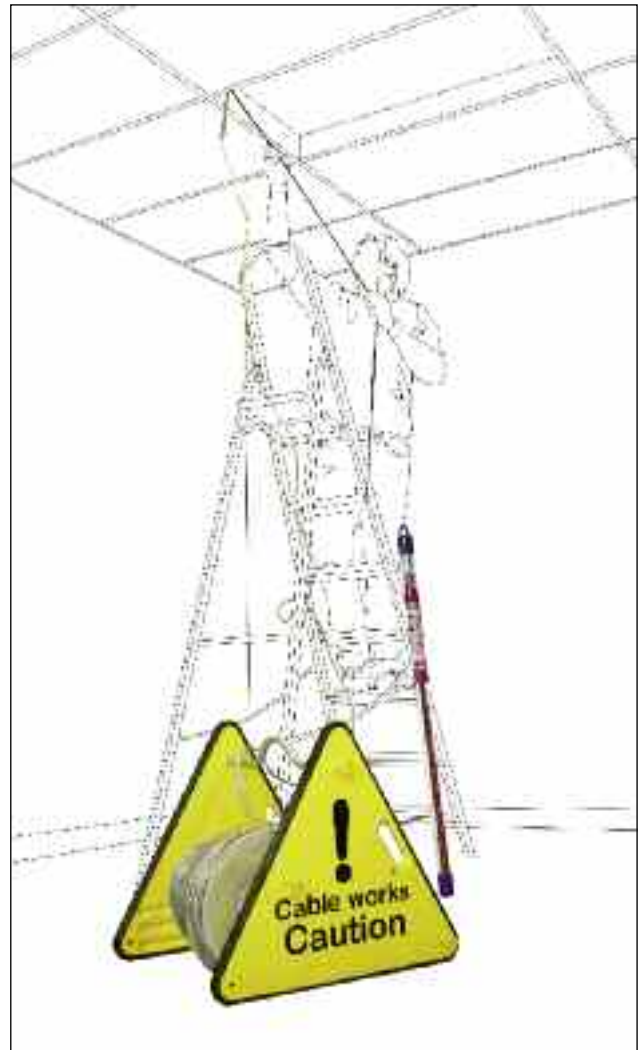
Super Rod and the Kablemate Maxum work perfectly together, the rods and attachments allow you to route the cable whilst being backed up by the Maxum's sturdiness, stability and low friction cable disbursement.



Couple with this, the obvious Health and Safety advantages (how many times have you fallen over reels of cable?).

The synergy between these two products just makes perfect sense.

Imagine the scenario – you need to install cable and lots of it – you have a small enclosed space to work in and some difficult to access areas in which to route. This is the natural domain for Cable Rod and Kablemate.



Kablemate Maxum		
Product	Reference	Price
Kablemate	KMATE	£99.00



<p>Supplied free with all Maxums is a handy 5 metre special Black Mamba fish tape.</p>	<p>When not in use, the Maxum packs away into its own sturdy carry bag.</p>

Rack-A-Tiers® - The Dependable Multi-Purpose Premium Wire Dispensing Tool

With RACK-A-TIERS you'll experience unmatched versatility!

- Ease of transport and storage
- Lightweight
- Durable one piece construction
- Waterproof, easy-clean
- Won't rust or rot
- Won't mark surfaces
- Made of recycled material
- Made in Canada

The ONE TOOL that does it all!

- Wire dispenser
- Pipe vise
- Saw horse
- Work bench
- Wall shelf
- Table



Cable Pulling Stands

- Unmatched ease & speed of set up
- Excellent versatility of use
- Accommodates wide range in cable sizes
- Loads of up to 150Kg (330lbs)
- Has 5* 1 1/4" (44.5mm) holes, 3* carry handles, & 2* V notches to hold larger cable bars
- Easy to store & transport
- Contractor to supply the conduit/bars for the mounting on the Rack-A Tier



Rack-A-Tiers			
Description	Order Code	Quantity	Price
Rack-A-Tier	RT1	1	£43.66

Cable Pulling Lubricants

Yellow 77® Wire Pulling Lubricant

- Wax based formula provides superior lubricity
- Safe to use with most cable types except low-density polyethylene and semi-conducting jackets
- Won't break down or separate after repeated exposure to freezing temperatures
- Dries to a thin, non-conductive film that won't clog conduit
- Clings to cable throughout long pulls
- Easy to apply by hand or with pump
- Creamy texture applies easily and uniformly
- Homogeneous blend requires no mixing
- Won't dry out - surface coat forms to control evaporation
- Environmentally safe - non-toxic, non-flammable and non-corrosive



Yellow 77® Wire Pulling Lubricant			
Description	Order Code	Quantity	Price
1 Qt. Squeeze Bottle	31-358	1	£3.83

Aqua-Gel® II Cable Pulling Lubricant

- Polymer-based formula provides maximum tension reduction in high-stress electrical and communications cable-pulling operations
- Compatible with all cable types
- Cleans up easily with soap and water
- Remains stable over wide temperature range - usable from 28°F to 180°F (-2°C to 82°C)
- Dries to a semi-fluid film that won't clog conduit
- Clings to cable throughout long pulls
- Easy to apply by hand, brush or pump
- Environmentally safe - non-toxic, non-flammable and non-corrosive



Aqua-Gel® II Cable Pulling Lubricant			
Description	Order Code	Quantity	Price
1 Qt. Squeeze Bottle	31-378	1	£4.38

Starrett

HellermannTyton, aware of the needs of the professional user, presents a range of Starrett hole saws. Starrett bi-metal hole saws are constructed of hardened, heat and abrasion resisting high-speed steel teeth with a tough alloy body and cap in high visibility yellow. This gives them exceptional strength, durability and shatter resistance for user safety. They will cut any wood, metal or plastic in either a handheld drill or drill press. These can be used in a wide variety of applications from production and maintenance to the electrical and building trades.

Starrett Hole Saws				
Boxed Reference	Saw Dia	Arbor	Quantity	Price
SH0096	14MM	A1, A4	1	£7.41
SH0058	16MM	A1, A4	1	£5.88
SH1016	17MM	A1, A4	1	£5.88
SH0034	19MM	A1, A4	1	£5.88
SH2532	20MM	A1, A4	1	£5.88
SH1036	21MM	A1, A4	1	£5.88
SH0078	22MM	A1, A4	1	£6.14
SH1056	24MM	A1, A4	1	£6.58
SH0100	25MM	A1, A4	1	£7.44
SH0116	27MM	A1, A4	1	£7.81
SH0118	29MM	A1, A4	1	£8.37
SH0136	30MM	A1, A4	1	£8.79
SH0114	32MM	A2, A10	1	£8.79
SH0156	33MM	A2, A10	1	£8.81
SH0138	35MM	A2, A10	1	£9.59
SH0176	37MM	A2, A10	1	£9.59
SH0112	38MM	A2, A10	1	£9.59
SH0196	40MM	A2, A10	1	£10.35
SH0158	41MM	A2, A10	1	£10.43
SH1116	43MM	A2, A10	1	£10.84
SH0134	44MM	A2, A10	1	£10.84
SH1136	46MM	A2, A10	1	£10.84
SH0178	48MM	A2, A10	1	£10.84
SH0200	51MM	A2, A10	1	£10.84
SH0216	52MM	A2, A10	1	£11.24
SH0218	54MM	A2, A10	1	£11.61
SH56MM	56MM	A2, A10	1	£11.95
SH0214	57MM	A2, A10	1	£12.08
SH0256	59MM	A2, A10	1	£11.96
SH0238	60MM	A2, A10	1	£12.35
SH0212	64MM	A2, A10	1	£12.43
SH0296	65MM	A2, A10	1	£12.48
SH0258	67MM	A2, A10	1	£12.70
SH68MM	68MM	A2, A10	1	£12.71
SH0234	70MM	A2, A10	1	£12.73
SH0278	73MM	A2, A10	1	£13.01
SH0300	76MM	A2, A10	1	£13.27
SH0318	79MM	A2, A10	1	£13.54
SH0314	83MM	A2, A10	1	£14.04
SH0338	86MM	A2, A10	1	£14.51
SH0312	89MM	A2, A10	1	£15.00
SH0358	92MM	A2, A10	1	£15.40
SH0334	95MM	A2, A10	1	£16.79
SH0378	98MM	A2, A10	1	£17.89
SH0400	102MM	A2, A10	1	£18.87
SH0418	105MM	A2, A10	1	£19.73
SH0414	108MM	A2, A10	1	£24.42
SH0438	111MM	A2, A10	1	£26.83
SH0412	114MM	A2, A10	1	£27.58
SH0434	121MM	A2, A10	1	£32.00
SH0500	127MM	A2, A10	1	£36.27
SH0514	133MM	A2, A10	1	£38.80



Advantages:

- Exceptional strength and durability
- Smooth cut on thinner gauge materials.
- Less tendency to bite or snag on thinner gauge materials.
- Cutting depth 41mm (1 5/8").
- Shatter Resistant

For Drillers Dust Bowl
See page 164

Anchors

Four standard models are available, each one furnished with a 6.35mm (1/4") high speed steel pilot drills. The set-screw in the body allows for easy replacement of the pilot drill.

A4 type arbors are suitable for use with the AQC14 Quick Change Connector, A1 and A10 type arbors are suitable for use with the AQC38 Quick Change Connector.

Arbors				
Boxed Reference	Description	Quantity	Price	
A1	9.5mm Chuck	1	£7.67	
A10	9.5mm Quik-Hitch	1	£15.42	
A2	13.0mm Quik-Hitch	1	£15.42	
A4	6.35mm Round Shank	1	£7.27	
A5	Extension For A2	1	£12.21	
A15	Extension For A1, A10	1	£22.38	
A014C	Pilot Drill All Types Except A4	1	£3.40	
A014E	Pilot Drill A4 Only	1	£3.40	
A7	Ejector Spring	1	£1.18	
PT28143	Quick Change Connector	1	£12.69	
A1-1	For Holesaws 14-30mm - Use with SDS Chuck & Shank	1	£15.17	
A2-1	For Holesaws 32-152mm - Use with SDS Chuck & Shank	1	£28.37	



'Oops' Arbor

The A19 'Oops' arbor is for use in conjunction with either the A1, A2 or A10 hole saw arbors. Replacing the pilot drill, the A19 allows diameters to be enlarged by attaching a saw of the same size to that of the existing hole, thereby acting as a pilot for the larger diameter saw. Minimum hole enlargement is 4.7mm (3/16") between the pilot and the cutting saw diameter.

'Oops Arbor				
Boxed Reference	Description	Quantity	Price	
OOPS Arbor (A19)	Fits A1, A2 or A10 type Arbors	1	£12.03	



Hole Saw Kits

A range of Starrett hole saws in a durable, hard wearing carry case.

Starrett Hole Saw Kits				
Reference	Description	Contents	Quantity	Price
K2000G	General Purpose Kit	22, 29, 35, 44, 51 & 64mm A1 & A10, A7 Ejector Spring	1	£82.48
K2000E	Electricians Kit	16, 20, 25, 29, 44, & 51mm A1 & A10, A7 Ejector Spring	1	£73.66
K2000DE	Deluxe Electricians Kit	16, 20, 22, 25, 29, 35, 44, 51 64, 68 & 76mm, A1 & A2, A7 Ejector Spring	1	£127.84
K2000PE	Plumber & Electricians Kit	16, 20, 22, 29, 35, 38, 40, 44, 51, 65, 68mm, A1 & A2, A7 Ejector Spring	1	£139.10
KCSC200G	Cordless Smooth Cutting Hole	16, 20, 25, 27, 30, 32, 38 & Quick Change Connector	1	£127.09



Bi Metal Cordless Smooth Cutting Hole Saw

- Thin wall hole saw for cordless drills
- Each saw supplied complete with arbour, Pilot drill and ejector
- 8 TPI smooth cutting hole saw
- Integral safety stop collar makes this hole saw ideal for use cutting through electrical panels
- Suitable for cutting thin sheet metal such as Stainless Steel, Mild Steel, Copper, Zinc Plated Steel and Plasterboard
- Cutting depth 13mm
- Range 19mm to 38mm

Bi Metal Hole Saw			
Ref	Saw Dia	Quantity	Price
CSC16	16mm	1	£12.12
CSC19	19mm	1	£12.12
CSC20	20mm	1	£12.12
CSC22	22mm	1	£12.64
CSC25	25mm	1	£15.52
CSC27	27mm	1	£16.07
CSC29	29mm	1	£17.22
CSC30	30mm	1	£18.09
CSC32	32mm	1	£18.09
CSC35	35mm	1	£19.47
CSC38	38mm	1	£20.16



NEW Cavity Master

The Cavity Master has been borne out of years of lifting and then having to repair or replace particle or chipboard flooring to gain access to services, then having the time consuming job of repairing the floor usually without success!

By using the Cavity Master tool, floors and wall spaces are quickly opened and sealed with the closure plate. The opening and closing of the floor or wall can be accomplished in 2 minutes. The Cavity Master works equally well on floorboards or any wooden material.

How the Cavity Master Works



Cut the hole with the Cavity Master in seconds



A 2mm rebate is length which allows the cover plates to be installed flush with the existing floor



Cables or pipes can then be accessed via the hole



The hole is then sealed with the cavity cover plate, which fits flush with the floor surface

Where Can Cavity Master be used?

Professions

- Electricians
- Alarm Installers
- Plumbers
- Wood Treatment
- Surveyors

Applications

- Plumbing
- Electrical Wiring
- Electrical Joint Boxes
- Stop Tap Access
- Hot Air Ducts
- Ventilation Outlets
- Computer Networking
- Rodent Traps
- Shower Trap Access
- Floor Sockets
- Desktop Cable Outlets

Cavity Master Kit Contents

- 1 x Cavity Master
- 1 x Arbour and Drill
- 5 x Cover Plates

Ref	Description	QTY	Price
CRC A1	Cavity Master Kit	1	£75.00



Accessories Available

- Pack of 5 Solid Closure Plates
- Pack of 5 Mesh Closure Plates

Ref	Description	QTY	Price
CRCAPS	Pack of 5 Solid Cable Access Plates	1	£10.47
CRCAPM	Pack of 5 Mesh Cable Access Plates	1	£10.47



Jig Saw Blades

Starrett offers industrial quality high speed steel edge bi-metal blades.

These blades have a high speed steel cutting edge welded to a tough, flexible back. This combination provides long life and makes them virtually unbreakable. These Jigsaw blades have the pitch printed on the shank end so that it will not easily wear off - no more guessing the pitch of a used blade.

Features & Benefits

- One shank fits all jig saw machines
- Only 17 blades to meet all cutting requirements
- 170% greater resistance to tooth breakage and fracture
- 25% more tool life
- Smoother, faster, straighter cuts
- Shatterproof design, unbreakable during normal use
- Lower cost per cut
- Merchandisable



For use on	Reference	Cutting Length	Width	No. Of Blades Per Pack	Price
Wood	BU36T-5	75mm	7.5mm	5	£7.86
Wood	BU36-5	75mm	7.5mm	5	£6.03
Wood	BU46-5	100mm	9.5mm	5	£11.18
Wood	BU56-5	125mm	9.5mm	5	£12.28
Wood	BU38-5	75mm	7.5mm	5	£4.43
Wood	BU310T-5	75mm	7.5mm	5	£7.88
Wood	BU310DT-5	75mm	7.5mm	5	£8.69
Multi purpose	BU41014-5	100mm	9.5mm	5	£12.68
Multi purpose	BU214-5	50mm	7.5mm	5	£8.29
Multi purpose	BU214S-5	50mm	4.5mm	5	£6.20
Multi purpose	BU218-5	50mm	7.5mm	5	£9.95
Multi purpose	BU418-5	100mm	9.5mm	5	£19.73
Abrasive Materials	BU230-5	50mm	7.5mm	5	£26.18
Metal	BU224-5	50mm	7.5mm	5	£7.49
Metal	BU224S-5	50mm	4.5mm	5	£9.84
Metal	BU424-5	100mm	9.5mm	5	£16.69
Metal	BU232-5	50mm	7.5mm	5	£7.45

Hacksaw Blades

A range of Starrett bi-metal hacksaw blades, 24 and 32 TPI (teeth per inch).

Hacksaw Blades				
Ref	Description	Quantity	Price	
BS1224	Blue Stripe - High Speed Steel 24TPI	100	£206.00	
BS1232	Blue Stripe - High Speed Steel 32TPI	100	£206.00	
GF1224	Grey Flex 24TPI	100	£87.00	
GF1232	Grey Flex 32TPI	100	£87.00	



Hole Cutters

All cutting tools are ground using cubic crystalline Boron Nitride (CBN). This gives a perfect cutting edge that lasts considerably longer and is more precise than other forms of grinding. All products are CBN ground from fully hardened material making further heat treatment which can distort the cutting edges and precision of the tool unnecessary.

Step Drills

The CBN ground and spiral flutes ensure quiet operation and high performance. The tapered, chamfered end of the cone makes it easier to withdraw the tool from the material.

Non slip point; needs no centre punch

- Enlarges existing holes
- Round shank
- Each step laser marked with hole size
- Can be used on non ferrous metal, special steel, thermoplastics and duoplastics

Step Drills			
Reference	Size	Cut out	Price
101050-5	0/5	4-12mm - 5 steps	£16.90
101051	1	4-20mm - 9 steps	£22.34
101052	2	4-30mm - 14 steps	£39.30
101095	11	6-25mm - 9 steps	£31.91



Tube and Sheet Drills

The CBN ground and spiral flutes ensure quiet operation and high performance. The tapered, chamfered end of the cone makes it easier to withdraw the tool from the material.

Non slip point; needs no centre punch

- Enlarges existing holes
- Round shank
- Can be used on non ferrous metal, special steel, thermoplastics and duoplastics

Tube Sheet Drills			
Reference	Size	Cut out	Price
101001	1	3-14mm	£9.51
101002	2	5-20mm	£14.26
101022	9	5-22.5mm	£16.54
101003	3	16-30.5mm	£25.00
101004	4	24-40mm	£42.54
101005	5	36-50mm	£59.57



Switch and Socket Box Rethreaders

HSS taps fitted with moulded handle. Designed for cleaning the threads in fixings holes of sockets or switch boxes with malformed threads or are blocked with plaster or cement.

Switch & Socket Rethreaders			
Reference	Size	Cut out	Price
230350	3.5mm	Rethreader (No.1 selling size used)	£7.20
230040	4.0mm	Rethreader	£7.20



Guide and Dies

Guide & Dies		
Reference	Description	Price
180/0020	20mm Die	£17.22
180/0030	25mm Die	£17.22
180/0050	20mm Guide	£3.59
180/0060	25mm Guide	£3.59
180/120	20 & 25mm Guide and Die Set	£63.27



Flat Bits

Precision-ground cutting edges ensure a high quality finish. 7" shank. Chip breaker groove for rapid swarf removal. Packed in individual wallets

Ref	Description	QTY	Price
D5020	Disston 20mm Flat Bit	1	£3.77
D5088	Disston 25mm Flat Bit	1	£3.77



Combination Auger Bits

Short series - 100mm overall length.

Ideal for cutting holes between joists for pipes and cables

Ref	Description	QTY	Price
D50020SH	Disston 20mm Combination Auger Bit - Short Series	1	£7.23
D50025SH	Disston 25mm Combination Auger Bit - Short Series	1	£8.14

Medium series – 200mm overall length

Suitable for power and hand drills. Engineered sharpened edges, high polished chrome wormscrew thread, pilot drill for fast accurate cutting. Packed in wallets

Ref	Description	QTY	Price
D50019	Disston 19mm Combination Auger Bit - Medium Series	1	£9.04
D50025	Disston 25mm Combination Auger Bit - Medium Series	1	£11.76

SDS series – 205mm overall length

Ref	Description	QTY	Price
DSDS20020	Disston 20mm SDS Auger Bit	1	£9.04
DSDS20025	Disston 25mm SDS Auger Bit	1	£11.76



Masonry Drills

High quality drill – for stone, brick and masonry. Suitable for use in impact drilling machines with standard chuck.



Ref	Description	Description		QTY	Price
		Ø mm	TL mm		
RU207050	Ruko No.8 - 5 x 85 Masonry Drill Bit	5.0	85	1	£2.09
RU207055	Ruko No.10 - 5.5 x 85 Masonry Drill Bit	5.5R	85	1	£2.09
RU207065	Ruko No.12 - 6.5 x 100 Masonry Drill Bit	6.5	100	1	£2.18
RU207070	Ruko No.14 - 7 x 100 Masonry Drill Bit	7.0B	100	1	£2.33

R = Red wall plug size

B = Brown wall plug size

Contractors SDS Plus Masonry Drills

- Professional SDS hammer drills for fast efficient masonry drilling
- Drills concrete, granite, brick
- SDS fixing for quick, easy drill changing in the chuck
- Chrome vanadium steel body with ground flute for fast swarf removal
- Special ground carbide tip ensures accurate drilling
- Pack individually in tubes

Ref	Description	QTY	Price
SDSPD050110	Contractors SDS 5mm x 110mm	1	£3.17
SDSPD055110	Contractors SDS 5.5mm x 110mm	1	£3.17
SDSPD065110	Contractors SDS 6.5mm x 110mm	1	£3.39
SDSPD070110	Contractors SDS 7mm x 110mm	1	£3.72
SDSPD080110	Contractors SDS 8mm x 110mm	1	£3.93
SDSPD050160	Contractors SDS 5mm x 160mm	1	£3.56
SDSPD055160	Contractors SDS 5.5mm x 160mm	1	£3.39
SDSPD065160	Contractors SDS 6.5mm x 160mm	1	£3.72
SDSPD070160	Contractors SDS 7mm x 160mm	1	£4.01
SDSPD080160	Contractors SDS 8mm x 160mm	1	£4.10
SDSPD10160	Contractors SDS 10mm x 160mm	1	£4.58
SDSPD12160	Contractors SDS 12mm x 160mm	1	£5.58
SDSPD14160	Contractors SDS 14mm x 160mm	1	£7.44
SDSPD16160	Contractors SDS 16mm x 160mm	1	£9.57



Jobber Drills HSS Rolled – DIN338

Highly efficient standard drill suitable for all usual drilling work in common materials. Highly resistant to fracture.

Ref	Description	QTY	Price
RU201010	Ruko 1mm HSS Rolled Jobber Drill	10	£4.67
RU201020	Ruko 2mm HSS Rolled Jobber Drill	10	£4.67
RU201030	Ruko 3mm HSS Rolled Jobber Drill	10	£5.44
RU201040	Ruko 4mm HSS Rolled Jobber Drill	10	£6.89
RU201050	Ruko 5mm HSS Rolled Jobber Drill	10	£8.44
RU201060	Ruko 6mm HSS Rolled Jobber Drill	10	£11.56
RU201070	Ruko 7mm HSS Rolled Jobber Drill	10	£15.78
RU201080	Ruko 8mm HSS Rolled Jobber Drill	10	£19.44
RU201110	Ruko 10mm HSS Rolled Jobber Drill	10	£30.22
RU201120	Ruko 12mm HSS Rolled Jobber Drill	10	£49.44



Eye Protection

Plano Eyewear

HellermannTyton, aware of the needs of the professional user, presents a new range of Plano security eyewear that offers comfort and a modern design in the most complete respect of European EN166 Standards specification.

G13

- Extremely sporting and lightweight frameless glasses
- Wraparound lenses offer total protection and unrestricted side view
- Polycarbonate, antiscratch and ultraviolet protection
- Cannot be used for welding

Recommended for

- Every mechanics processing: grinding, drilling and cutting
- Building

G13				
Reference	Frame Colour	Lens Colour	Pack Qty	Price
PLG13	Orange	Transparent	1	£13.12



G14

- Extremely sporting and lightweight frameless glasses
- Wraparound lenses offer total protection and unrestricted side view
- Polycarbonate, antiscratch, sun and ultraviolet protection
- Cannot be used for welding

Recommended for

- Every mechanics processing: grinding, drilling and cutting
- Building
- Outdoor applications where sunlight and glare cause eyestrain and fatigue

G14				
Reference	Frame Colour	Lens Colour	Pack Qty	Price
PLG14	Blue	Blue mirror	1	£13.98



G15

- Extremely sporting and lightweight frameless glasses
- Wraparound lenses offer total protection and unrestricted side view
- Polycarbonate, antiscratch, ultraviolet protection and high visibility
- Cannot be used for welding

Recommended for

- Every mechanics processing: grinding, drilling and cutting
- Building
- Low visibility situations

G15				
Reference	Frame Colour	Lens Colour	Pack Qty	Price
PLG15	Dark grey	Yellow	1	£14.46



G15		
Reference	Description	Price
PL528TX-3	Glasses Case	£9.38

Knee Protection

Nailers Protective Knee Pads

- New generation of effective knee pad joint protectors
- Comfortable, retain shape better, last longer and absorb shock effectively
- Quick fix and release adjustable straps - for all day comfort
- Fully certified - EN1621/1 - abrasion and impact tested

Protective Knee Pads		
Reference	Size	Price
60200-G1	Gel swivel knee protector	£35.10



Gel Nylon Tradesman Knee Pads

- Covered with durable 1680 denier nylon
- Made with 100% real injected Gel
- Solid webbing strap with the quick-clip-release fastening system on the bottom and elastic on the top
- Ideal for delicate surfaces such as hardwood floors, tile or any other surface that you don't want to "mark"

Protective Knee Pads			
Reference	Size	Qty	Price
KNE01	Tradesman Knee Pads	1	£21.10



Ergodyne 615 Knee Support

- Two layers of neoprene surround the knee joint but leave the patella open – helps stabilize the knee during the healing process
- Ideal for sprains, strains and post-operative protection
- Neoprene 4-way stretch fabric provides uniform support – without restricting muscles.
- Natural contour design gives a comfortable secure fit

Reference	Size	Qty	Price
E615-M	Ergodyne Knee Support - Medium	1	£16.66
E615-L	Ergodyne Knee Support - Large	1	£16.66



Wrist Protection

Ergodyne 420 Wrist Support with Thumb Loop

- Thumb loop design supports the thumb as well as wrist
- Durable woven elastic improves support and comfort
- Hook and loop fastening gives an exact fit
- Fits either wrist

Reference	Size	Qty	Price
E420L/XL	Ergodyne Wrsit Support with Thumb Loop	1	£3.61



Ergodyne 670 Wrist Support

- Light to moderate support for office and industrial use.
- Removable two-inch woven elastic strap for extra support.
- Adjustable hook and loop fastening for a firm. Comfortable fit
- Single layer durable neoprene warms the affected area.
- Uniform support without muscle restriction
- Wear on either arm

Reference	Size	QTY	Price
E670-M	Ergodyne Ambidextrous Wrist Support - Medium	1	£11.10
E670-L	Ergodyne Ambidextrous Wrist Support - Large	1	£11.10



Back Protection

Nailers Back Support

- 8" wide heavy duty elastic back belt
- 5" wide double elastic tightening strips for custom fit
- 1 1/4" wide elastic hook and loop suspenders (adjustable and fully removable)
- Lightweight breathable mesh with two-way stretch for easier movement.
- 6 internal coated-metal lumber support stays – stop belt from rolling
- 9 rubberised contact strips help stop belt from slipping.
- Tapered front panels makes bending easy
- Provides full lumbar support



Reference	Size	QTY	Price
NA60555	Nailers Back Support Medium: 32" - 38"	1	£22.21
NA60558	Nailers Back Support Large: 38" - 47"	1	£22.21

Ergodyne E3100 Tool Lanyard Single Carabiner

- Tethers tools to worker to help prevent injury and lost productivity from dropped tools
- Stretchable cord surrounded by tubular nylon webbing with silver Mylar reflective thread
- Lock stitching at both ends for extra security
- Cord Stretches for full range of motion:
Standard Size: 35" to 42" / 0.89m to 1.1m
Extended Size: 42" to 54" / 1.1m to 1.4m
- Aluminium carabiner
- Adjustable barrel lock for tool attachment
- Maximum safe working capacity: 5lbs (2.2kg)



Tool Lanyard Single Carabiner					
Reference	Description	Size	Colour	Unit Pack Quantity	Price
E3100STD	Single Carabiner	Standard	Black	1	£14.06
E3100EXT	Single Carabiner	Extended	Black	1	£14.06

Ergodyne E3115 Tool Wrist Lanyard

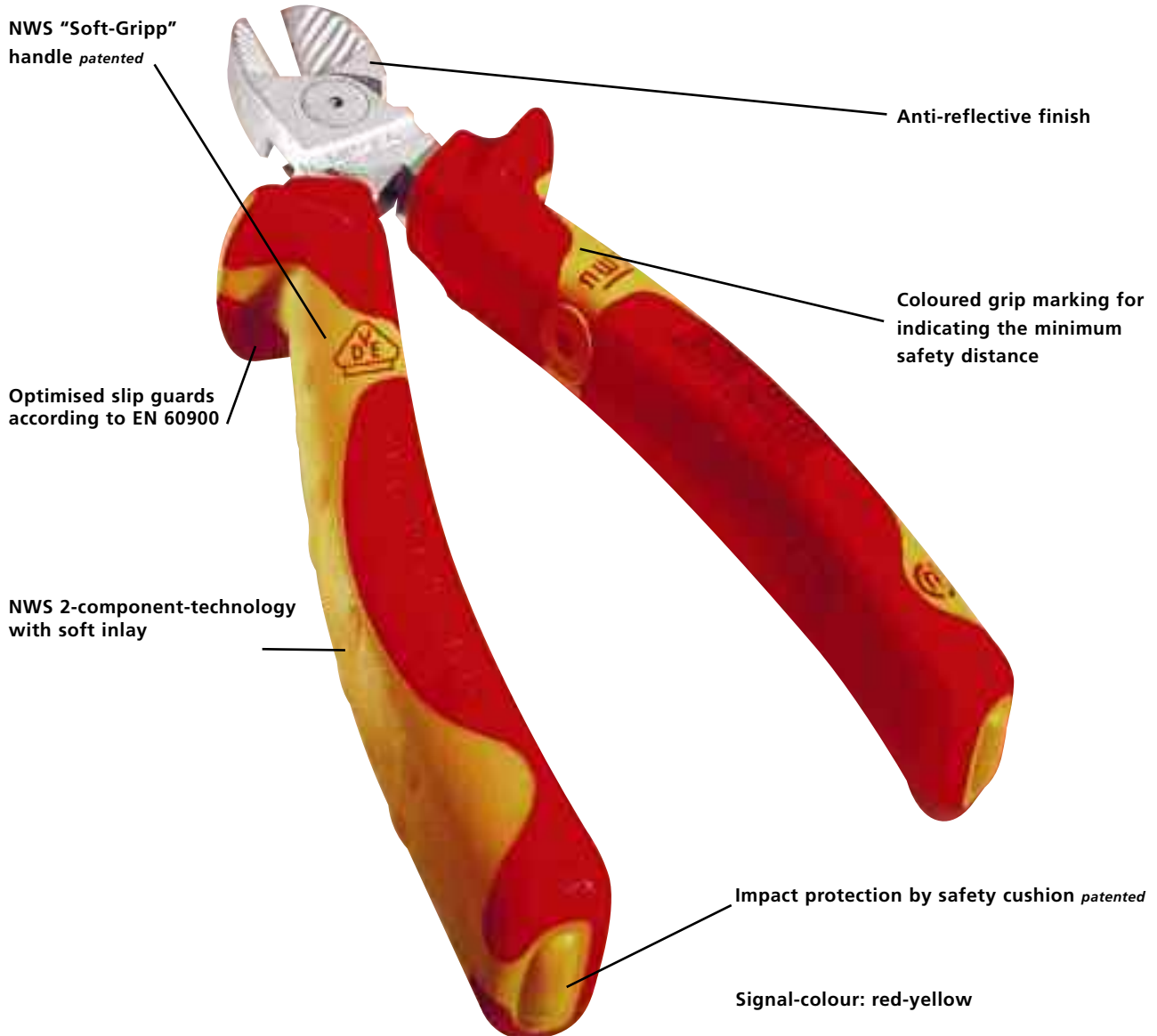
- Tethers tools to worker to help prevent injury and lost productivity from dropped tools
- Poly webbing cuff secures to wrist
- Adjustable barrel lock
- Tethers small tools
- Maximum working capacity: 2lbs (0.9kg)
- Two cuff sizes:
S/M for wrist sizes 5" (13cm), 7" (18cm)
and L/XL for wrist sizes 7" (18cm) - 8 1/2" (22cm)



Tool Lanyard Single Carabiner					
Reference	Description	Size	Colour	Unit Pack Quantity	Price
E3115SM	Wrist Tool Lanyard	S/M	Black	1	£3.83
E3115LXL	Wrist Tool Lanyard	L/XL	Black	1	£3.83

NWS High Quality VDE Tested Electricians Safety Pliers

NWS safety pliers are designed to protect personnel working on or around live equipment up to 1000AC and 1500DC. Made in Germany NWS tools are manufactured from top quality raw materials and rigorously tested to ensure compliance with the latest international standards.



Features & Benefits

- Superior design quality pliers
- Patented bi-component red/yellow handles
- Ergonomic design improves handling
- Soft grip inlay indicates safety distance from working head
- Impact resistant safety cushion - protects handles when dropped
- Optimised grip guards in accordance with EN60900
- Optimised grip guards in accordance with EN60900
- Hot drop-forged from special alloy tool steel to NWS specification
- Matt chrome finish for maximum corrosion protection
- Precision cutting edges induction hardened, better cutting, longer life
- Joint and rivet machined and hardened for smooth operation and long life



NEW 6 in 1 Supercutter



Code No. N1351-49-VDE-190

- ◆ Individually tested to 10,000V
- ◆    1000V EN/IEC 60900



Reference	Reference	QTY	Price
N1351-49-VDE-190	6 in 1 Supercutter	1	£29.11

N

Combination Pliers		
Reference	Size	Price
N111-49-VDE-180C	180mm	£17.98
N111-49-VDE-205C	205mm	£19.70

Side Cutters		
Reference	Size	Price
N134-49-VDE-160C	160mm	£20.24
N134-49-VDE-180C	180mm	£20.83

Heavy Duty Side Cutter		
Reference	Size	Price
N137-49-VDE-200C	180mm	£24.20

Long Nose Pliers		
Reference	Size	Price
N140-49-VDE-170C	170mm	£18.61
N140-49-VDE-205C	205mm	£21.96

Wire Stripper		
Reference	Size	Price
N145-49-VDE-160C	160mm	£21.40

Cable Cutters		
Reference	Size	Price
N043-49-VDE-160C	160mm	£28.15
N043-49-VDE-210C	210mm	£39.41

Waterpump Plier		
Reference	Size	Price
N165-49-VDE-240C	240mm	£28.72



Safety Screwdrivers

The E-Mark VDE has the more spherically shaped, dual-surface handle with the basic triangular configuration beneath. Hard and soft surfaces provide excellent power transmission and a firm, comfortable grip

E-Mark VDE Screwdrivers

- Uncompromising quality
- Individually tested
- Precision tips - optimum torque
- Chrome - molybdenum steel blade
- Bi-component handle for excellent grip



Slotted		
Reference	Size	Price
T75910	80mm x 2.5mm	£2.45
T75922	100mm x 3.0mm	£2.54
T75925	100mm x 3.5mm	£2.71
T75928	100mm x 4.0mm	£2.79
T75937	125mm x 5.5mm	£3.56
T75947	150mm x 6.5mm	£4.24

Pozi		
Reference	Size	Price
T76912	100mm PZ1	£3.00
T76921	100mm PZ2	£3.72

Philips		
Reference	Size	Price
T74930	100mm PH1	£3.00
T74903	100mm PH2	£3.50

VDE Sets		
Reference	Size	Price
T700-7	7 piece kit containing 1 x T75922, T75928, T75937, T75947, T76912, T76921, B68000	£19.14
T700-8	8 piece kit containing 1 x T75922, T75928, T75937, T75947, T76912, T76921, T76901, B68000	£21.27

Drillers Dust Bowl

Simply insert the arbor shank through the brass eyelet at the base of the bowl, press the rim of the bowl against the surface of the material being sawn and begin sawing. The rim of the bowl then forms a seal against the material being cut, collecting all dirt and debris inside the bowl. Hole Saws supplied separately.

- Very simple to use – no extra parts are required
- Bowl flexies with minimal pressure as the hole is sawn
- Massive time saving – no need to mask areas prior to drilling and no clean up required after drilling
- Suitable with Starrett Bi Metal Hole Saws up to and including 177mm (8 31/32")

Reference	Reference	QTY	Price
HTDB1	Dust Bowl	1	£10.52



Pro Grabit – Damaged Screw & Bolt Remover

- Removes free spinning screws
- Winslow tip for self centring.
- Double ended 2 piece set.
- removes screw from wood, metal or plastic.
- Screw sizes no6-14.
- Bolt sizes M4-8

Reference	Reference	QTY	Price
PROGRAB	Pro Grabit	1	£15.78



Stayput

- Perfect alignment the 1st time every time
- Fits 3/4" and 1" Conduit
- Fits Rigid Steel, Aluminum,
- PVC & Flexible PVC Conduits

Available in two options



Closed Loop

The "Closed-Loop" is more rigid but takes a little longer to install



Reference	Reference	QTY	Price
SP75CLO	Closed Loop for 20mm Conduit	20	£1.32
SP100CLO	Closed Loop for 25mm Conduit	50	£1.32

Slip On

The "Slip-On" is more flexible and takes only "a few SECONDS" to install



Reference	Reference	QTY	Price
SP75SLIP	Slip on for 20mm Conduit	20	£1.32
SP100SLIP	Slip on for 25mm Conduit	50	£1.32



Mains Tester (125-250 VAC)

Voltage (Circuit) Tester			
Reference	Size		Price
SD155	150mm, 3mm tip		£2.09



Contractors Tape Measure

- Contoured to fit palm of hand
- End hook secured by 3 rivets
- Nylon coated blade - abrasion resistant, easy cleaning
- Manual brake retraction system
- Ultra clear blade markings in metric and imperial
- Belt clip

Contractors Retractable Knife			
Reference	Description	Pack Qty	Price
CTM05	5m Tape measure	1	£3.15
CTM08	7.5m Tape Measure	1	£5.25



Utility Key

Opens service cabinets - water, electric and gas.

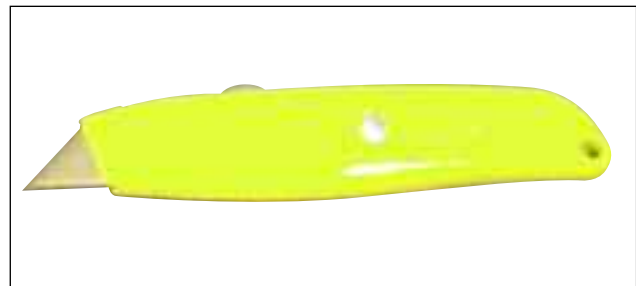
Utility Key			
Reference	Size	Pack Qty	Price
UK4W	4 way utility key	1	£5.25



Contractors Retractable Knife

- All metal die-cast construction
- Hi-viz yellow
- Wrap over tip for extra safety
- Retractable blade
- Includes heavy duty blade

Contractors Retractable Knife			
Reference	Description		Price
TK101/1	Single Retractable knife		£3.42
TK101	Packed in merchandiser of 36 - for impulse sales		£105.25
TKB101	100 spare blades		£12.62
TKB101/20	20 spare blades		£2.53

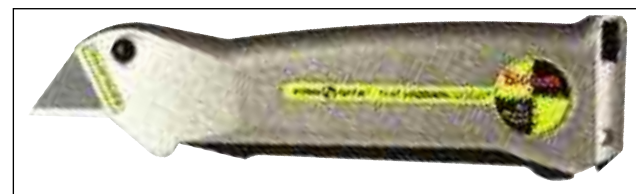


The Hidden Edge

The hidden edge keeps the blade safely tucked away when not in use, yet instantly available by simple releasing the safety lock and squeezing the lever.

- Supplied with 3 blades
- Adjustable cutting depth
- Quick release blade change
- Storage for up to 10 blades.

The Hidden Edge			
Reference	Description	Quantity	Price
SO11	Hidden edge safety Knife	1	£13.00



Hacksaw Frame

- 12" aluminium frame
- Storage for up to 10 blades
- Tension device in handle
- 55/90 degree cutting angles
- Converts to a padsaw

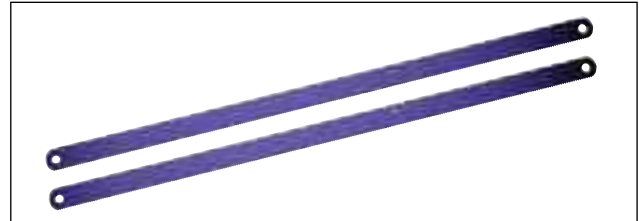
Hacksaw Frame		
Reference	Description	Price
D225	12" hacksaw frame	£10.46



Hacksaw Blades

- Shatterproof bi-metal blades
- Cuts all types of steel, pipe, conduit
- High speed steel cutting edge
- Packed in 10/100's

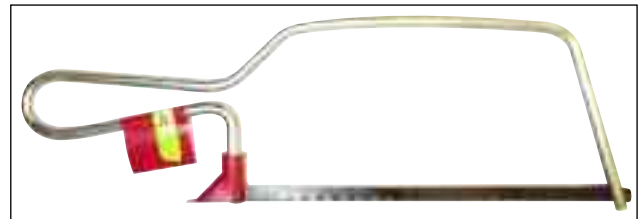
Hacksaw Blades			
Reference	Size	Pack Qty	Price
B1224	12" x 1/2" x 24TPI	100	£147.36
B1224/10	12" x 1/2" x 24TPI	10	£18.42



Junior Hacksaw Frame

- 6" wire frame
- Complete with carbon steel blade
- Chrome finish

Junior Hacksaw Frame		
Reference	Size	Price
DJF6	6" junior hacksaw frame	£1.03



Junior Hacksaw Blades

- 6" (150mm) length
- Carbon steel blade
- 2 fixing pins

Junior Hacksaw Blades			
Reference	Size	Pack Qty	Price
DJH632	6" junior hacksaw blade	100	£13.67
1AL-12/10	6" junior hacksaw blade	10	£1.78



Claw Hammer

- Traditional hickory handle which absorbs impact
- 16 oz weight
- Head fully forged and polished



Junior Hacksaw Blades			
Reference	Size	Pack Qty	Price
GC93	16oz Claw Hammer - Hickory Handle	1	£9.46
GC100	1kg Lump Hammer - Hickory Handle	1	£10.52

Lump Hammer

- General purpose lump hammer
- Precision striking surfaces specially hardened and tempered
- Hickory shaft absorbs impact



Drill Bit Sets

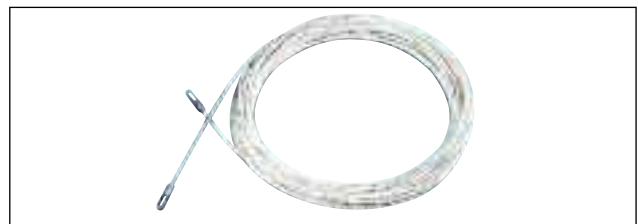
- Selection of drill bit sets to meet the electricians requirements
- Drill bits to European standard -
Twist drills: DIN 338 type N HSS rolled
Masonry drills: DIN 8039
- Packed in reusable cases

Drill Bit Sets			
Reference	Description	Quantity	Price
205226	18 piece set in a handy bit box 6 x twist drills dia 3, 4, 5, 6, 8, 10mm 6 x masonry drills dia 3, 4, 5, 6, 8, 10mm 6 x wood drills dia 3, 4, 5, 6, 8, 10mm	1	£16.31
205210	19 piece rolled twist drill set - metal case 1mm up to 10mm in increments of 0.5mm	1	£15.04
205200	170 piece rolled twist drill set - Metal carry case. 10 pieces of each 1-8mm. 5 pieces of each 8.5-10mm - in increments of 0.5mm	1	£105.25



Nylon Fish Tape - Unboxed

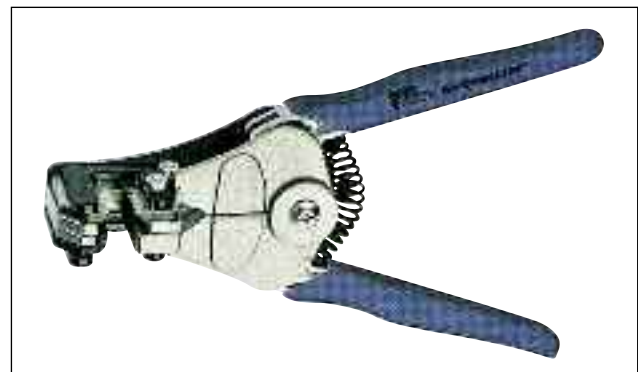
Fish Tape			
Reference	Description	Quantity	Price
DTN10	NYLON 10M	1	£4.00
DTN20	NYLON 20M	1	£5.89
DTN30	NYLON 30M	1	£8.05



Wire Strippers

- One-step stripping enhances productivity
- Spring action motion increases leverage and reduces operator fatigue
- Knife type blades provide clean, accurate stripping
- Sturdy die-cast frame provides long term durability
- Wire gripper holds wire securely in position
- Spare blades available on request

H35 Wire Strippers			
Reference	Description	Quantity	Price
45-090	H35/1 4-10mm ² Cutting Diameter	1	£39.47
45-092	H35/2 .22-6mm ² Cutting Diameter	1	£39.47
45-098	H35/3 .05-0.5mm ² Cutting Diameter	1	£39.47



Wire Strippers

- Serrated pliers nose
- AWG and metric cable sizes
- 2 piece hardened steel pivot
- Spring assisted
- Cushioned grips

Premier Handle -Stripper			
Reference	Description	Quantity	Price
H31/16	1.0-6.0mm ² Solid	1	£10.53
H31/5	0.13-1.5mm ² Solid	1	£10.53
H31/6	0.05-0.22mm ² Solid	1	£10.53



Cable Cutters

- Cable cutting up to 50mm²
- High visibility yellow handle

Cable Cutters			
Reference	Description	Quantity	Price
TTC8	Cable Cutter Up To 35mm ²	1	£11.13
TTC10	Cable Cutter Up To 50mm ²	1	£13.45

Cable Cutters

- Cable cutting up to 6mm²

Cable Cutters			
Reference	Description	Quantity	Price
H31/8	Cable Cutter Up To 6mm ²	1	£10.53



Plano

Creativity, advanced technology and functional performance are the enduring foundations of Plano's worldwide success. The aim of Plano is achieving higher and higher quality standards with the introduction of the **Technic** and **Tool-bag Line** - an innovative range of products manufactured from modern wear resistant textiles and materials. The **Tool-bag Line** can be exposed to low temperatures, water, cleaning products and chemical substances without being affected in any way. Made from a heavy-duty waterproof material, they are practical and very spacious. The **Technic Line** has been developed to protect and carry all of today's modern tooling. The **Technic Line** can be exposed to low temperatures, water, cleaning products and chemical substances without being affected in any way

Plano Toolbag Line - Matt Black Collection

• **Winner of DIY Week Handtool Award 1999**

- Designed to protect tradesman's tools
- Tough, top quality tear resistant polyester
- Wired mouth to keep bag open when in use
- Multi pocketed for storing tools
- As strong as a tool box but lighter and easier to carry
- Durable welded waterproof (27" has protective rails)
- Heavy duty steel zip and clips
- Tools not included

Plano Toolbags		
Reference	Size	Price
PL513000	13" bag -23 pockets	£19.96
PL513001	17" bag -11 pockets	£32.09
PL513002	16" bag -25 pockets	£25.24
PL513003	27" bag -13 pockets	£40.12



Tool Rucksack		
Reference	Size	Price
PL542TX	Tool Rucksack	£34.60



Plano Toolbelts - Matt Black Collection

- Highly water resistant - water repellent, functional toolbelts
- Light weight and padded
- Quick release buckle
- Extremely durable - easily wiped clean
- Waist size 90-120cm
- Tools not included

Plano Toolbelts		
Reference	Size	Price
PL52170	23 pocket belt - 2 x pouches, tape holder (up to 8m), hammer loop	£17.88
PL52180	15 pocket belt - 1 x pouch, tape holder, cordless drill holster	£17.88



Plano Technic Line

- Latest ideas from Plano USA
- New concept in soft storage and work wear
- Smart colour co-ordinated red & grey
- Practical way to store tools
- Easily wiped clean
- Light weight but very durable
- Tools not included



Plano Technic Line			
	Reference	Description	Price
1	PL530TX	Reinforced belt - adjustable size 90 -120cm	£4.13
2	PL531TX	Cordless drill holster (up to 18v)	£6.92
3	PL532TX	Tape holder (up to 8m)	£4.13
4	PL533TX	Tool pouch with hammer loop	£7.36
5	PL534TX	Tool pouch	£7.36
6	PL535TX	Electricians tool pouch - elasticated loop for tools	£10.48
7	PL539TX	Mobile phone holder - with metal clip/loop	£7.66
8	PL526TX	Swinging hammer loop	£6.72
9	PL552TX	Electricians tool case	£35.95
10	PL541LE	Reflective sleeveless tool jacket	£31.67
11	PL556TX	Tester case	£13.35



Colours may vary

Techwear Clothing

The HellermannTyton range of Techwear clothing has been subjected to specific and strict tests in order to check their resistance to various types of stress such as abrasion, traction, water repellancy and transpiration. Our clothing has also passed tests such as washing, ironing and stain resistance. Being made of the latest technology in clothing materials - 65% polyester and 35% cotton, the HellermannTyton techwear range is both practical and durable for every day working environments.



Techwear Materials



Cordura®
For the reinforced parts.



Syrex®
A very resistant innovative fibre, in cotton and polyester which does not crease and is easy to wash and iron. Conforms to EN 12758-2



Stopice®
A bi-component impentrabale water and windproof fabric.



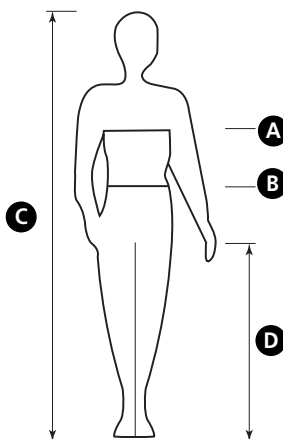
Teflon®
Fabric protector provides maximum water and stain repellency without affecting transpiration of the fabric.



Warmotex®
Breathable polyester fabric, guarantees heat insulation, windproof.



CE Mark®
The CE mark indicates that these items of clothing are 1st category Personal Protective Equipment (P.P.E.) and so they adhere to the provisions of Community norms (89/686 EEC for materials and qulaity standards).



Size Chart				
Size	A	B	C	D
M	42" - 44"	32" - 34"	66" - 68"	33.5"
L	44" - 46"	34" - 36"	68" - 70"	34"
XL	46" - 48"	36" - 38"	70" - 72"	35"
XXL	48" - 50"	38" - 40"	72" - 74"	36"

Small and XLarge versions available on request

Workwear

1 Cargo

Multi-pocket technical trousers made of Syrex® with Teflon® treatment to make them water repellent and stain proof. They have outer slots on the pockets and Cordura® knee reinforcements and large reinforced front and back pockets that are easily accessible.

2 Mercury

Multi-pocket technical waistcoat made from Syrex® with Teflon® treatment to make it water repellent and stain proof. The inside is in transpiring mesh. The Cordura® reinforcements on the shoulders guarantee strength. The three large chest pouch pockets, with safety closure, the two lower 2-way pockets (side and vertical) and the other two useful inside pockets with safety closure are very practical.

3 Sprinter

Multi-pocket technical Bermuda shorts made of Syrex® fabric with Teflon® treatment to make them water repellent and stain proof. They have two large reinforced front pockets and are easily accessible with two useful back pockets with safety closure, which are also reinforced.

4 Storm

Multi-pocket technical jacket made of Syrex® with Teflon® treatment to make it water repellent and stain proof, with warm fleece lining. The shoulder area has a very resistant waterproof Cordura® reinforcement. It has three large chest pouch pockets, with safety closure, two lower 2-way pockets (side and vertical) and another two useful inside pockets, with safety closure.

5 Linker

Shirt made of Syrex®, which is very comfortable thanks to its particularly soft weaving. It is strong, easy to wash. the collar and cuffs are reinforced and stain proof.



Techwear Clothing

Reference	Description	Colour	Size	Price
PLMCargo-M	Trousers	Blue	Medium	£27.00
PLMCargo-L	Trousers	Blue	Large	£27.00
PLMCargo-XL	Trousers	Blue	X Large	£27.00
PLMCargo-XXL	Trousers	Blue	XX Large	£27.00
PLMCargoBE-M	Trousers	Beige	Medium	£27.00
PLMCargoBE-L	Trousers	Beige	Large	£27.00
PLMCargoBE-XL	Trousers	Beige	X Large	£27.00
PLMCargoBE-XXL	Trousers	Beige	XX Large	£27.00
PLMMercury-M	Waistcoat	Blue	Medium	£27.50
PLMMercury-L	Waistcoat	Blue	Large	£27.50
PLMMercury-XL	Waistcoat	Blue	X Large	£27.50
PLMSprinter-M	Shorts	Beige	Medium	£24.95
PLMSprinter-L	Shorts	Beige	Large	£24.95
PLMSprinter-XL	Shorts	Beige	X Large	£24.95
PLMStorm-M	Jacket	Blue	Medium	£43.95
PLMStorm-L	Jacket	Blue	Large	£43.95
PLMStorm-XL	Jacket	Blue	X Large	£43.95
PLMStormBE-M	Jacket	Beige	Medium	£43.95
PLMStormBE-L	Jacket	Beige	Large	£43.95
PLMStormBE-XL	Jacket	Beige	X Large	£43.95
PLMLinker-M	Shirt	Blue	Medium	£22.50
PLMLinker-L	Shirt	Blue	Large	£22.50
PLMLinker-XL	Shirt	Blue	X Large	£22.50

Workwear Internal Kneepads

Kneepad inserts for PlanoCargo trousers

- Comfortable
- Lightweight and sturdy
- Provide excellent protection

Internal Kneepads

Reference	Size	Unit Pack Qty	Price
PLMKNEE	Knee Inserts	1	£7.99

NEW Formula Fospro PX - Industrial Strength Protective Lubricant

Fospro is the complete maintenance treatment for protection against corrosion, water displacement, lubrication and light surface rust removal. One simple application – by spray, swab or dip – stops the spread of existing corrosion, gives lasting protection against further attack and removes and repels ambient moisture. Fitted with a 360° Spray System for all angle use, even upside down.

Application

Fospro FX is specifically used for preservation and corrosive inhibition after operation of certain gas turbine engines and as a de-watering and protective fluid.

Fospro FX is ideal for use on all mechanical and electrical equipment being suitable for use on low voltage equipment up to 250V.

As a penetrant, it will quickly free seized nuts, bolts and bearings, whilst the highly effective water displacing properties make the perfect 'damp-start' solution for ignition systems and other electrical equipment.

The protective, lubricating film is non-conductive and remains operational even at severe sub-zero temperatures. It will not affect paints or plastics and is lastingly effective on all metals, including aluminum. Freshly machined surfaces resist 'finger-marking' and will stay clean and bright, even in highly corrosive conditions.

Reference	Size	QTY	Price
Fospro PX	Fospro - Industrial Strength Protective Lubricant	12 x 400ml	£49.69



CRC 5-56 - The tool kit in a can

Multi-purpose service spray.

A multi-purpose penetrating and lubricating product that breaks through rust and corrosion, displaces water and cleans away scale and dirt.

CRC 5-56 is based on a paraffinic oil and a multiple organic inhibitor system that prevents rust and corrosion by forming a continuous protection barrier against water and oxygen

Features & Benefits

- Penetrates quickly, even into the finest pores and cracks of the surface.
- Lubricates and restores smooth action.
- Displaces moisture out of all electrical and ignition systems and makes it possible to start wet engines.
- Loosens rusted parts and makes them work again.
- Stops annoying squeaks.
- Leaves a thin film that protects metals from corrosion induced by humidity and other corrosive atmospheres.
- Easy repair by eliminating the need for disassembly.
- Safe for all metals and alloys.
- Safe on most painted surfaces, coatings, plastics and rubbers (if in doubt, test prior to use).
- Aerosols are equipped with the 360° (upside-down) spray valve and extension tube for added convenience.
- Aerosols are pressurized with non-flammable CO₂ propellant, giving an active product content of over 97% (i.e. over 30% more than typical hydrocarbon propelled products).
- Specifications: - NSN 9150-00-529-7222

Applications

A modern, versatile helper for hundreds of repair jobs in all working environments.

Electrical parts: plugs, switches, coils, leads...

Cars: ignition system, distributors, battery terminals, cables, starter motors, aerials, nuts and bolts, chrome, seat slides, door latches, spark plugs...

Home: door locks and hinges, sliding doors and windows, drills, locks, hinges, catches, DIY tools, scissors, zippers, buggies, toys...

Leisure: fishing gear, bicycles, garden tools, roller blades, roller skates, ski fittings, marine, golf buggies...

Hundreds of other uses in workshops, garages, building sites, factories, offices, gardens, homes, DIY...



Multi-Purpose Spray		
Reference	Carton Qty	Price
CRC 5-56	12 x 200ml	£18.62
	12 x 400ml	£28.37

CRC 3-36 - Multi Purpose Lubricant and Corrosion Inhibitor

CRC 3-36 is based on a paraffinic oil and a multiple organic inhibitor system that prevents rust and corrosion by displacing and sealing out moisture and by forming a continuous protection barrier against water and oxygen. The oily, almost invisible film of CRC3-36 lubricates and penetrates into the finest pores and cracks of the surface. CRC 3-36's effectiveness for surface protection is derived from three of its principal properties:

Affinity for metal

Low surface tension

High capillary action

By its affinity for metal and low surface tension CRC 3-36 displaces moisture and separates it from contact with the metal surface. The high capillary action contributes to the great spreading power.

Features & Benefits

- Multi-purpose lubricant, penetrant and corrosion inhibitor.
- Displaces and seals out moisture, especially after washing or hosing off engines or equipment.
- Penetrates through corrosion to loosen frozen parts.
- Lubricates without leaving a sticky residue.
- Cleans light soils and contaminants.
- Prevents 'fingerprinting' by its protective film.
- Protection of all metals and alloys
- Compatible with most painted surfaces, coatings, plastics and rubbers.
- Equipped with 360° (upside-down) spray valve for added convenience.
- Pressurised with non-flammable CO2 propellant, giving an active product content of 97%
- Specifications: NSN 6850-00-050-0659

Applications

Process Manufacturing

- Heat treated parts
- Machined surfaces
- Finished welds
- In-process aluminium extrusions
- Precision mechanisms

Machining

- Fixtures
- Dies
- Jigs
- Shim stock
- Chucks
- Drill rod

Multi-Purpose Spray		
Reference	Carton Qty	Price
CRC 3-36	12 x 500ml	£55.62



CRC QD-Contact Cleaner - Quick Drying Electronic Cleaning Solvent

CRC QD-Contact Cleaner is a stable, inert, high-purity solvent cleaner, formulated for applications where lower flash point solvents may be used, and where sensitive plastics are involved. Based on very fast drying, hydrocarbon solvents without CFC's, HCFC's, chlorinated, fluorinated, alcohol, or glycol ether components. CRC QD-Contact Cleaner provides a suitable precision cleaning action for sensitive electronics and electrical equipment without the risk of costly damage.

Features & Benefits

- Quick drying.
- Effectively removes light contaminants, dust, dirt, finger prints, traces of light oil and moisture.
- No ozone-depleting action (ODP = 0,00).
- Reduces contact resistance, arcing and wear.
- Extends the life of sensitive equipment.
- Non-conductive and non-corrosive.
- Leaves no residue
- Safe on commonly used plastics, rubbers and coatings.
- Convenient 360° (upside-down) spray valve for aerosols.
- High purity CO₂ propellant, giving an active product content of 97%.
- Authorised by USDA for use in the food industry.

Applications


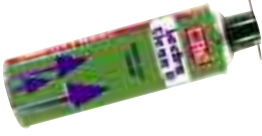




Ideal for applications where lower flash point solvents may be used and where sensitive plastics are present:

- Contactors
- Switches
- Sensors
- Relays
- Motor Controls
- Printed circuit boards
- Terminals
- Tape heads
- PC's
- Telephones

Contact Cleaner		
Reference	Carton Qty	Price
QD-Contact	12 x 300ml	£54.62



Lubricants and Sealants

Lubricants and Sealants			
Reference	Description	Carton Qty	Price
CRC 2-26 	Multi-purpose maintenance for electrical equipment. CRC 2-26 is a multi-purpose lubricant, preventing electrical and electronic malfunction caused by water penetration, humidity, condensation or corrosion. The stable, low surface tension, high capillary action formula provides great penetrating and spreading power.	12 x 400ml 1 x 5L 1 x 20L	£57.36 £36.94 £135.95
CRC Lectra Clean 	Electric motor and equipment degreaser. CRC Lectra Clean II is a hydrocarbon based cleaner/degreaser which replaces chlorinated solvents in electrical cleaning and degreasing applications. Effective removal of grease, oil, dirt, and other contaminants from electric motors, parts and equipment.	12 x 500ml 1 x 5L 1 x 20L	£77.85 £43.45 £158.91
CRC Urethane 	Clear or red one-component urethane type conformal coatings. CRC Urethane Coats provides an air curing conformal urethane type coating that insulates electrical/electronic equipment, seals out water and moisture and acts as a barrier for contaminants. CRC Urethane Coats dry fast and adhere well. After curing they form a highly flexible film, which is durable and resistant to abrasion and contaminants.	Clear UIC 12 x 300ml 1 x 4L Red UIC 12 x 300ml 1 x 4L	£72.63 £49.41 £85.04 £72.49
CRC Zinc 	High performance zinc-rich coating. CRC Zinc is a unique combination of zinc powders and resins, formulated to form a high performance zinc-rich coating that actively fights rust and corrosion by its galvanic properties. Ferrous metals are protected by the sacrificial action even when scratched or damaged. Zinc becomes the anode which is attacked by corrosion and the base metal the cathode. A film of water-insoluble zinc oxide is formed, which stops rust and corrosion.	12 X 400ml	£104.28
CRC SP 400 	Long-term indoor and outdoor corrosion inhibitor. CRC SP 400 is a long-term, outdoor and indoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions. The amber, dry, waxy film never becomes brittle and is highly resistant to humidity and severe corrosive atmospheres.	12 x 300ml	£63.81
CRC Industrial 	Multi-use synthetic lubricant. CRC Industrial Silicone is based on a blend of high quality, stable silicone oils, ensuring superior lubrication and reducing friction in most metal and non-metal applications. It provides also excellent separation and release properties.	12 x 320ml	£61.45