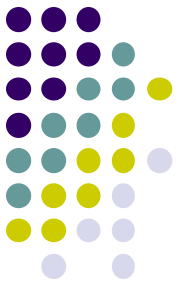




Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Shrink Polymer Systems was established in 1990 to offer a specialised and unique service to the electrical contracting industry, installer and oem type business for both home and overseas markets.

The assembly/manufacture of products such as cable terminations, joints, earthing and glanding form the basic product range covering low voltage cables up to 3.3kV and medium voltage cables up to 36kV.

We operate from modern industrial premises and operate an independently registered quality system to ISO 9001:2008. Our extensive stock holding and kitting facility for cable type, size, and voltage has resulted in the versatility to be able to offer complex and non standard systems on an ex stock basis.

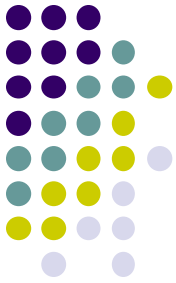
In 2010, we opened a further manufacturing unit in the Sultanate of Oman to meet the ongoing supply demands within the middle east. See our website for more details. Further manufacturing facilities are planned in strategic locations.





Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Quality

There are many companies around the world providing cable joints and terminations under their own name, however very few have the decades of experience we possess here at SPS and the intimate knowledge and understanding of cables along with the materials and components that are required to produce a cable accessory product that will give long term performance.

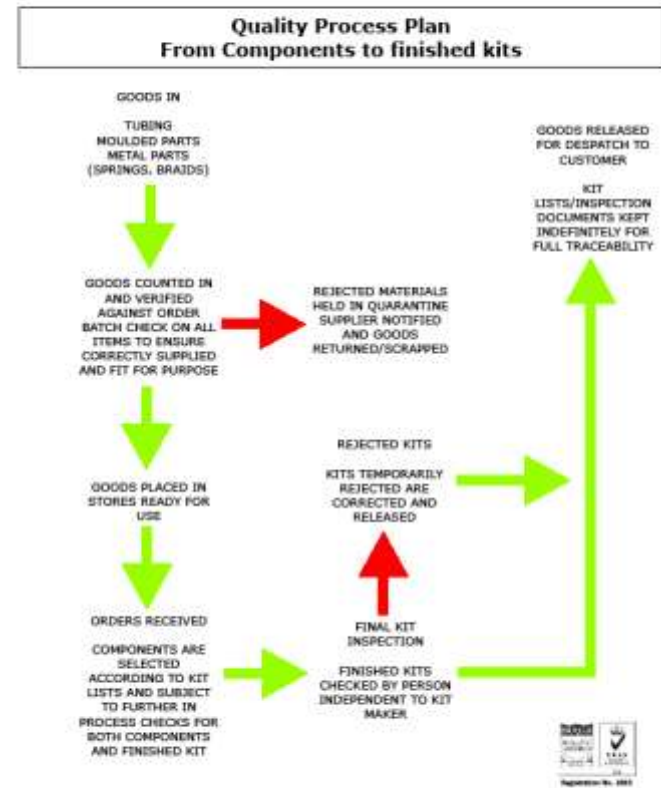
Every kit we sell incorporates high quality components and the design of the finished kit and installation instruction is carefully thought out to ensure ease of installation and long term reliability.

We never compromise on quality and neither should the end client. Why take a risk by having untried/untested kits on your electrical network. Just one failure can cost thousands of pounds and pose a danger to life. Savings initially made are lost very quickly.



Shrink Polymer Systems

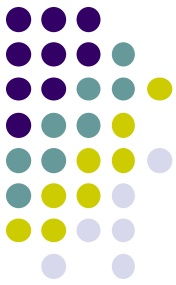
Cable Installation Materials – 24 volts to 36 kV





Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



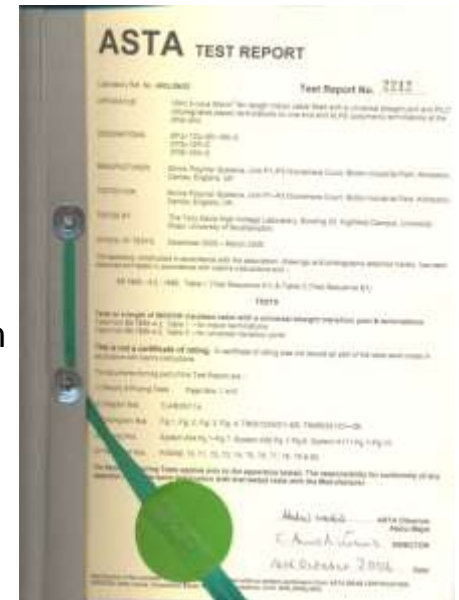
Testing

We utilise recognised independent high voltage test laboratories both here in the UK and abroad to ensure the products we sell will perform reliably.

Some major switchgear customers also have their own in house test facilities that we utilise for specific projects.

Testing is normally conducted to BS7888 which incorporates cenelec, IEC and VDE standards.

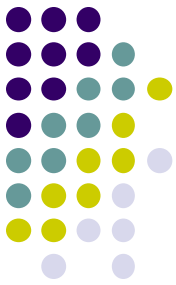
We also conduct non electrical testing. Such tests include smoke and toxicity testing for joints used in the london underground system for which we have approval.





Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Cold Applied Bushing Boots undergoing successful Impulse testing to 95kV



A 3 Core Heatshrink Joint incorporating a Shell and Resin design is cut in several places as part of the BS7888 test regime to check whether water has entered the joint.



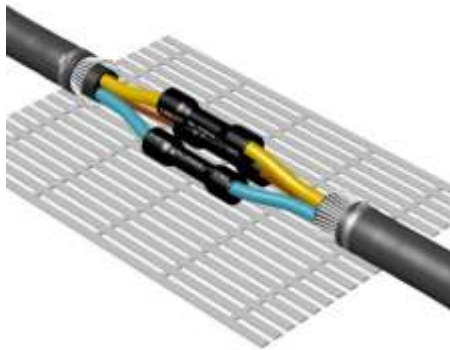
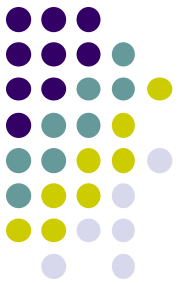
Sometimes, the product fails under test. The Yellow Stress Control Mastic in this test melted and flowed too easily under heavy load cycling conditions and caused tracking between the xlpe screen end and Connector. A new Tape was developed which subsequently tested out successfully.

Can you be sure that the product on your network has undergone these vigorous tests?



Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Products

Joints - low voltage

There are a huge variety of low voltage cables available. We have a range of standard joints for single and multicore cables. We also have many hundreds of joints in our system for special cable designs and applications. Whatever you need to joint, we can provide a kit designed specifically for the job.

Joints – medium voltage

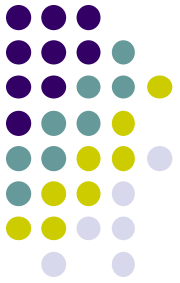
Once again, there are so many cable types available. We can provide kits for single core and 3 core cables for voltages 3.3kV through to 33kV. With so many old cables existing in the ground, the ability to provide kits to join new cables to old in a wide variety of configurations is our key strength.





Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



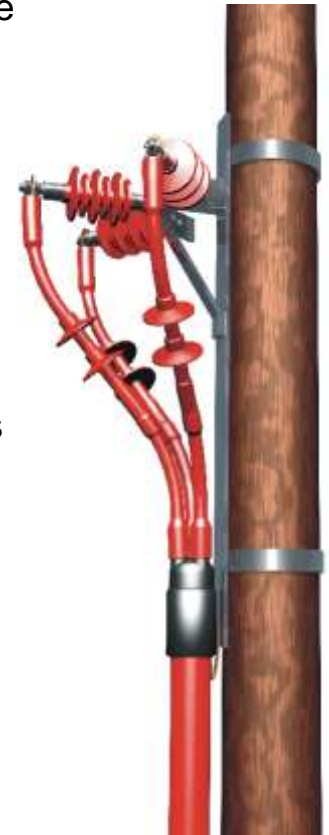
Terminations

Terminations - low voltage

We have a range of heatshrink kits available for 2 core, 3 core 4 and 5 core cables for both pilc / xlpe / flexible epr cables.

Terminations – medium voltage

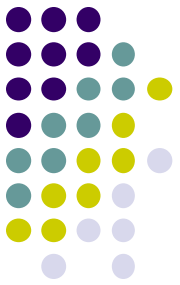
Standard heatshrink kits for single and 3 core kits are available in indoor and outdoor configurations for pilc / xlpe / flexible epr cables. kits are also available for flexible cables with additional earth and fibre optic cores. Coldshrink type can also be supplied if preferred.





Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Bushing Boots

A range of heatshrink boots in both right angle or straight configuration are available for all voltage classes up to 36kV.

Our Universal Cold Applied Silicone Bushing Protection Boot is the best on the market. The boot is suitable for both right angle and straight applications and has the benefit of being very easy to fit and re-usable. Fully tested in an independent Laboratory.

Earthing & Glanding



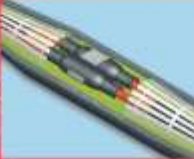

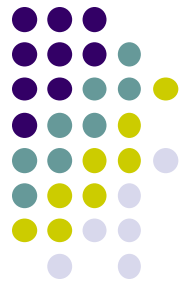
Heatshrink bolt on earth glands are available for 3 core cables for voltages up to 36kV. These bond the armours and can also be supplied with earthing components for the lead sheath on paper cables. A range of heatshrink glands for non armoured cable can also be supplied.






Shrink Polymer Systems

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 **Shrink Polymer Systems**
Cable Installation Materials – 24 volts to 36 kV

Catalogue / Data sheets

Our most up to date catalogue is available online. It is available in pdf format via our website where it can be downloaded, or we can email it to you.

Installation Instructions

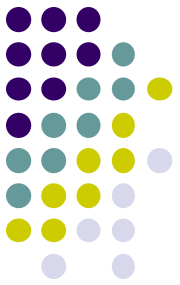
We have many thousands in our system, please advise which you would like to see and we can email it to you in PDF format.

See: www.shrinkpolymersystems.co.uk



Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Jointer Training

It does not matter who the supplier of the medium voltage cable accessory is, if the cable preparation is not carried out correctly, faults **will** occur.

Shrink Polymer Systems provide installation training videos and various helpful data free of charge on our website. We also supply tooling to assist in correct cable preparation. See: www.shrinkpoymersystems.co.uk

Training courses held at our factory can be offered along with onsite training in most parts of the world.

Technical Backup / Service / Fault Analysis

We provide technical backup and service 24/7 by email, telephone and site visits where necessary. If a suspected product failure occurs, we can provide comprehensive detailed reports on our own or others manufacturers products.

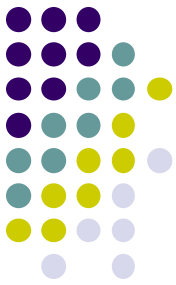
We commit to supporting you and our products not just now but way into the future. Can you be sure of this with some low cost suppliers.





Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Customer list

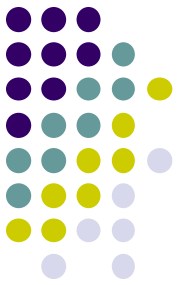
We have an impressive list of approvals/record of customer supply both within our home and overseas markets. **Note:-** This is only a representative list of some of our better known clients.

Alstom T&D Distribution Switchgear Ltd	MV Terminations & Insulation products
Amey	Heatshrink joints for the UK Rail Network
Atkins	Heatshrink joints for the UK Rail Network
Anixter	Heatshrink LV and MV Joints and Terminations
Barbados Light & Power	MV Joints and Terminations
British Aerospace	LV Heatshrink Cable Joints
British Airports Authority (BAA)	Airfield Heatshrink Joint kits
Ceylon Electricity Board	LV Heatshrink Joints and Terminations
Cogent Defence Systems	Under Water Heatshrink Joints 0.6-3.6kV
Conoco	LV Heatshrink Joints



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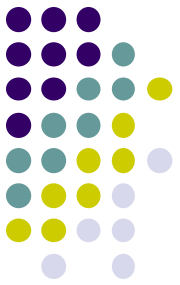


Corporation of London Traffic Systems Unit	LV Heatshrink Traffic Joint kits
Department of Transport	LV Heatshrink Traffic Joint kits
Defence Estates (MOD)	LV and MV Heatshrink Joints and Terminations
DCRP Oman	LV and MV Heatshrink Joints and Terminations
Enemalta Corporation	MV Heatshrink Joints and Terminations
EDF Energy	LV and MV Heatshrink Joints and Terminations
General Electric Company of Libya (Gecol)	LV and MV Heatshrink Joints and Terminations
Hawker Siddeley Switchgear	MV Heatshrink Components
London Underground Limited	LV and MV Joints and Terminations
Lucy Switchgear Limited	MV Terminations and Joint kits
Metronet	LV Zero Halogen Heatshrink Joints
Network Rail	LV Power and Telecom Joints for the Rail Network
National Electricity Corporation Sudan	MV Heatshrink Joints and Terminations



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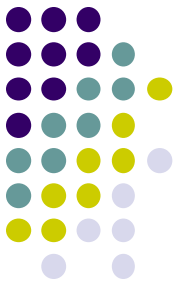


Northern Ireland Electricity	MV Heatshrink Components
Northern Cyprus Elec Authority (Kibtek)	MV Heatshrink Joints and Terminations
Powergrid PTE Singapore	LV Heatshrink Terminations
Prysmian	LV Component parts
Saudi Cable Company	LV and MV Joints and Terminations
Schneider Electric	MV Terminations and Insulation components
Scottish Hydro Electric Plc	LV Component parts
Scottish Power Plc	MV Component parts
Siemens	LV Heatshrink Joints
Southern Electricity Plc	LV and some MV Joint kits
Tanzania Electricity Authority	MV Terminations
T.Clarke Plc	LV and MV Heatshrink Joints and Terminations
Total Oil	MV Terminations systems



Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



**Trinidad and Tobago Electricity
Commission**

MV Coldshrink Terminations

Tubelines limited

LV Zero Halogen Heatshrink Joints

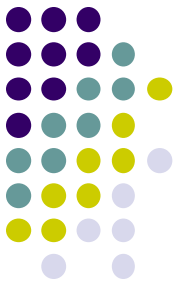
UK Atomic Energy Authority

MV and HV (160kV) Terminations



Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV



Main Contacts

