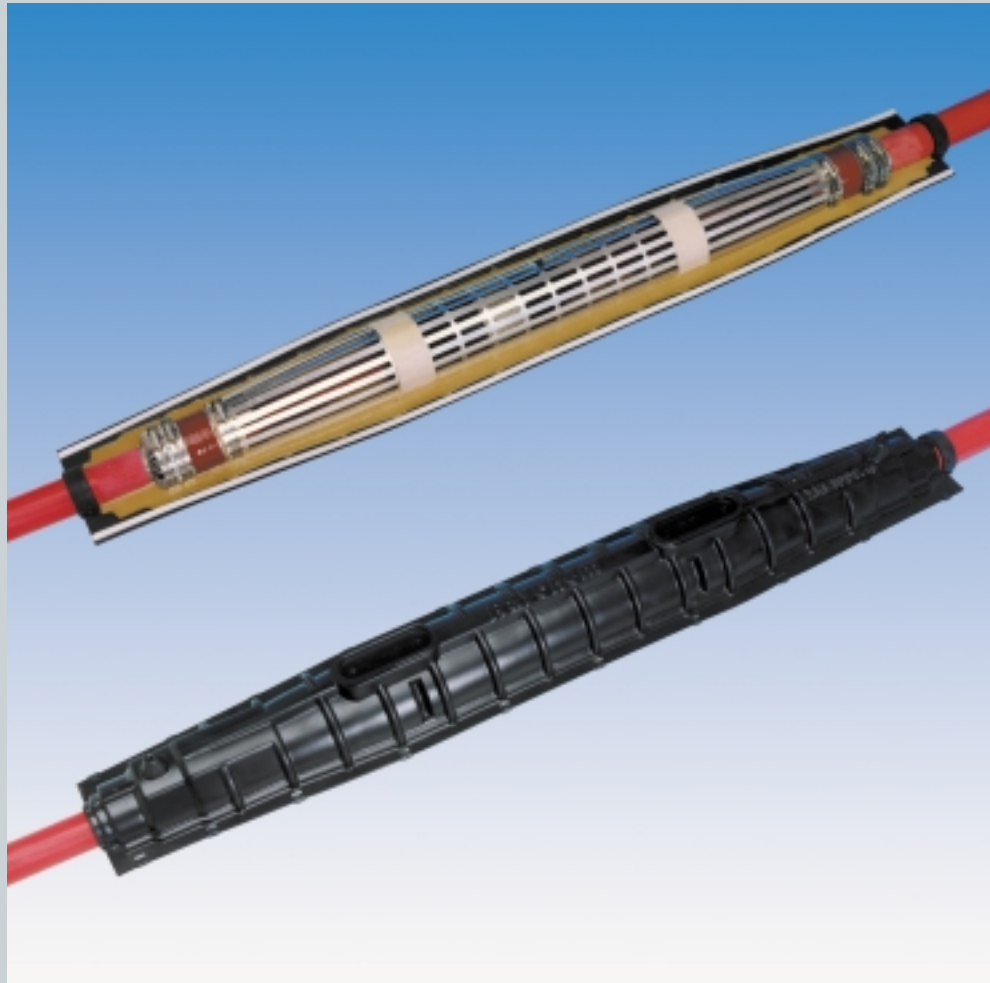


ShrinkSet
Universal jointing system
for 12 kV 3-core polymeric and paper cables

The ShrinkSet system is:

- proven in service with UK RECs since 1991
- based on Raychem high voltage heat-shrinkable insulation materials
- straightforward to install
- a universal system for straight and transition jointing of polymeric and paper cables in one kit
- a complete system including shear-bolt mechanical conductor connectors
- a family of kits including branch joints and pot-end
- approved to Electricity Association specification ER C90



ShrinkSet

Designed for performance, reliability and straightforward installation

ShrinkSet joints were originally designed for UK Regional Electricity Companies as a modern system for jointing 11 kV paper and polymeric distribution cables. Since their introduction in 1991 ShrinkSet joints have been adopted by most RECs and have proved to be reliable, straightforward to install and cost-effective.

Design is based on the use of Raychem high voltage heat-shrinkable insulation materials together with a protective filler of polyurethane resin. Installation is quick and simple; there is no taping of cores, no plumbing, soldering or pouring hot compound.

All jointing kits include shear-bolt mechanical connectors suitable for both copper and aluminium conductors. These connectors are designed with an "easy-entry" feature to simplify installation. Optional connector body holding tools are available (consult your Tyco Electronics specialist distributor).

ShrinkSet joints are approved to Electricity Association performance specification ER C90 and meet the requirements of other relevant specifications. Earth bonding is designed and tested to a rating of 13 kA for 3 seconds.

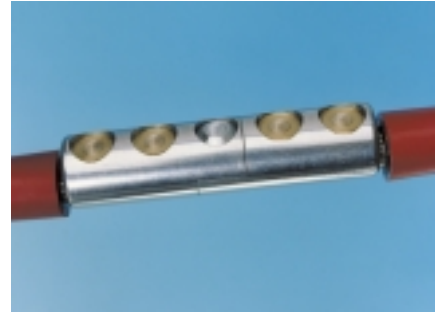
Universal application for all 3-core cables

Each kit in the ShrinkSet range includes all components for jointing both polymeric (XLPE or EPR) and paper (PILC or PICAS) 3-core 11 kV cables, either as straight (in-line) or transition arrangements. The product range also includes branch joints and a pot-end for all the above cables. See Selection table.

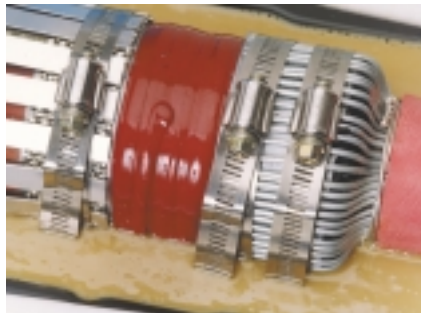
Universal jointing system for 12 kV 3-core polymeric and paper cables



Mechanical connector before installation



Mechanical connector after installation



Earth bonding for armoured cables

Selection table

Joint type	Size mm ²	Product reference	Resin volume (litres approx.)
Straight/transition	95 - 185	SHSS-12A-IND	14
Straight/transition	185 - 300	SHSS-12B-IND	28
Branch	95 - 185	SMOE 61987	36
Branch	185 - 300	SMOE 61988	48
Pot-end	95 - 300	SMOE 62668	14

Note: For cables smaller than 95 mm², additional build-up kits are required, and the volume of resin to fill the joint will increase by approx. 2 litres. Please contact your local Tyco Electronics specialist distributor.

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. ALR, AMP, AXICOM, B&H, BOWTHORPE EMP, CROMPTON INSTRUMENTS, DORMAN SMITH, DULMISON, GURO, HELLSTERN, LA PRAIRIE, MORLYNN, RAYCHEM, and SIMEL are trademarks.



Energy Division – a pioneer in the development of economical solutions for the electrical power industry. Our product range includes: Cable accessories, connectors & fittings, electrical equipment, instruments, lighting, insulators & insulation enhancement and surge arresters.

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