

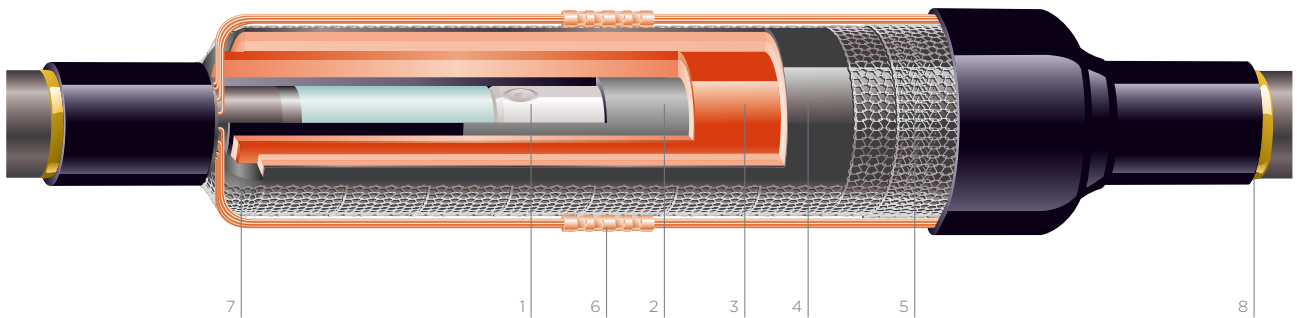
Raychem Heat-Shrinkable Joints for Polymeric Cables 52/72 kV

APPLICATION

- Polymeric insulated cables of various designs can be adapted with respect to shielding and metal sheath. Our heat shrink accessories have been used by utilities and industrial companies around the world for more than 50 years. This ongoing field experience has us a leader in materials science and technology for high voltage applications. Our materials technology is at the core of the development of our heat-shrinkable joints. The materials, used in TE Connectivity Raychem cable accessories, have been extensively optimized with respect to product design and function, manufacturing, and expected service environments

FEATURES

- Compact and modular design
- Heat-shrinkable stress control sleeves
- Torque-controlled connector
- Joint fits on all polymeric cable constructions
- Proven shield continuity concept
- Short cut-back dimension
- Cable size transition possible
- Water and corrosion-resistant
- Easy and fast to install
- No special or expensive tools required
- Lightweight components
- Unlimited storage life-time under normal conditions
- Reduced waste for disposal
- Wide installed base at international customers



- 1 Mechanical connector
- 2 Electrical stress control tube
- 3 Insulating tubing
- 4 Screened insulating tubing
- 5 Copper mesh
- 6 Solderless shield connection
- 7 Sealant/mastic
- 8 Outer protection with integrated moisture barrier

Max. operating voltage U_m (kV)	52	72.5
Standards	IEC 60840	IEC 60840
Rated voltage U (kV)	45 - 47	60 - 69
Rated lightning impulse withstand voltage (BIL) (kV)	250	325



EHVS-52H



EHVS-72H

Technical data

Product description	Conductor cross section (mm ²)	Diameter over cable insulation (prepared) (mm)	Diameter over outer cable sheath (mm)	Length (mm)	Diameter (mm)	Screen treatment
EHVS-52H	95 - 2500	30 - 86	50 - 100	1350	130	Inline / shield break / grounded
EHVS-72H	95 - 2500	30 - 86	50 - 100	1350	130	Inline / shield break / grounded