

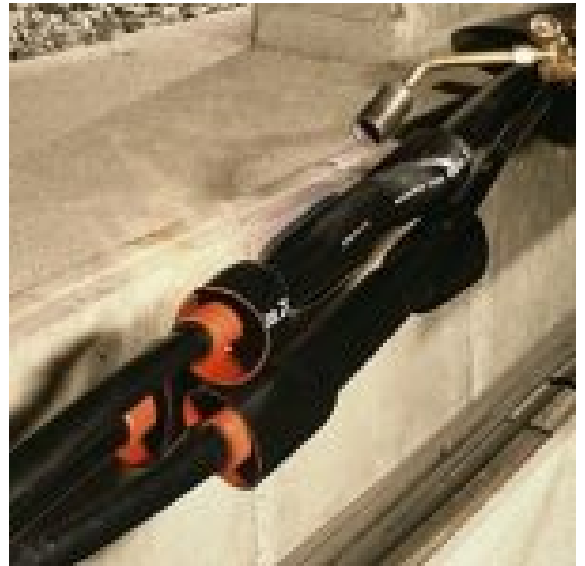
# THREE CORE HEAT-SHRINKABLE

## DESCRIPTION

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The three-phase heat shrink joints are essential accessories for connecting and insulating medium voltage (MV) three-phase cables. They ensure reliable electrical continuity and robust mechanical protection, while providing effective sealing against external elements.

These joints are designed to connect three phase conductors of MV three-phase cables. They use multi-layer heat shrink tubing that, once heated, shrinks to tightly conform to the conductors and insulate them. This technology ensures simplified installation and long-lasting performance. For example, Nexans' JTS heat shrink joint incorporates an innovative triple-layer tube, allowing the heating of a single tube instead of three for applications ranging from 12 to 24 kV. This simplifies and speeds up the installation while reducing the risk of failure.



## SPECIFICATIONS

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- Ergonomic shape designed to wrap around the ends of conductors or terminals.
- Flexibility to facilitate installation on various cable or terminal sizes.
- Electrical insulation suitable for high voltages, depending on the model.
- Resistance to extreme temperatures from -40°C to +120°C.
- Prevention of electrical accidents by effectively insulating connections.
- Increased resistance to external factors, protects against rain, dust, and climate variations.
- Available in multiple sizes and materials, suitable for a wide range of applications.

## MATERIAL

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- Multi-layer heat shrink tubing: Made from cross-linked polyolefin, offering superior electrical insulation and enhanced mechanical strength.
- Internal adhesive: Present to ensure optimal sealing against moisture and contaminants.
- Electric field control: Use of gradient electric field control tubes made from insulating material with non-linear impedance, capable of effectively managing the electric field at the cable screen's end and on the metal connector.