

# Cold Shrink System

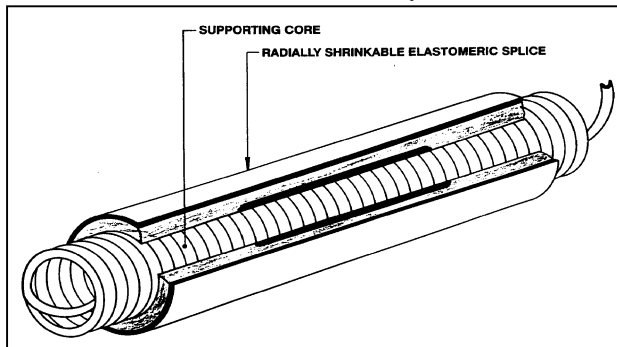
## QS1000 Cold Shrink Joints

### Data Sheet

#### Product Description

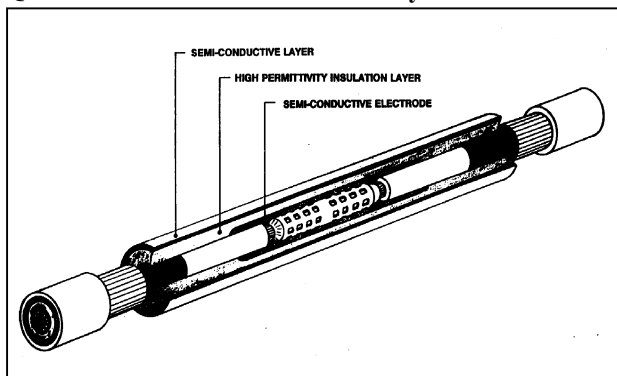
QS1000 is a one piece cold shrink joint body manufactured from a specially formulated silicone material which provides flexibility, easy installation at low temperatures and superior electrical performance over a wide range of operating temperatures. The finished body is expanded and loaded onto a removable supporting core which allows the joint to be installed without the need for tools or heat.

#### QS1000 MV Cold Shrink Joint Body



QS1000 is injection moulded and consists of three layers. A semi-conductive electrode which forms a Faraday Cage around the connector, a high permittivity insulation layer which both insulates and stress controls, and an outer semi-conductive layer which ensures all screens are at earth potential.

#### QS1000 MV Cold Shrink Joint Body



All finished bodies are tested after manufacture and undergo AC Withstand and Partial Discharge testing.

#### Applications

QS1000 is suitable for use on polymeric and paper cables up to and including 15kV. The QS1000 body is used as the basis for a range of joints covering polymeric and paper in line joints and transition joints, both 3 core and single core.

#### Type Testing

All joint types have been tested in accordance with VDE 0278, HD 629 and/or BS7888. Details of type tests are available upon request.

#### Features

- ❖ One part joint body
- ❖ 100% tested after manufacture
- ❖ No heat required
- ❖ Tool free installation
- ❖ Permanent radial pressure
- ❖ Suitable for paper and polymeric cables
- ❖ Compatible with compression and mechanical connectors
- ❖ Low temperature installation
- ❖ Provides consistent installation quality

#### Availability

A full range of 11kV joints is available as part of the 3M Cold Shrink System. Please refer to one of our Accredited Cold Shrink System Distributors.

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