

Cold Shrink System

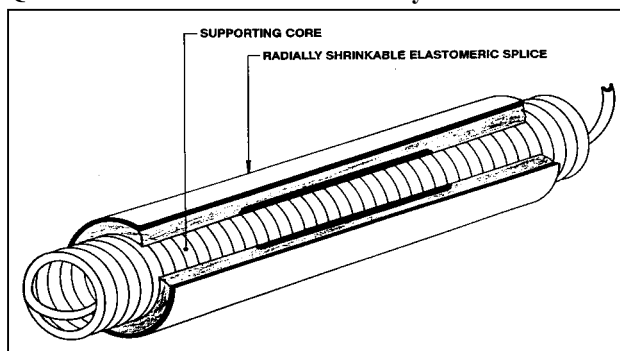
QS1000 Cold Shrink Joints

Data Sheet

Product Description

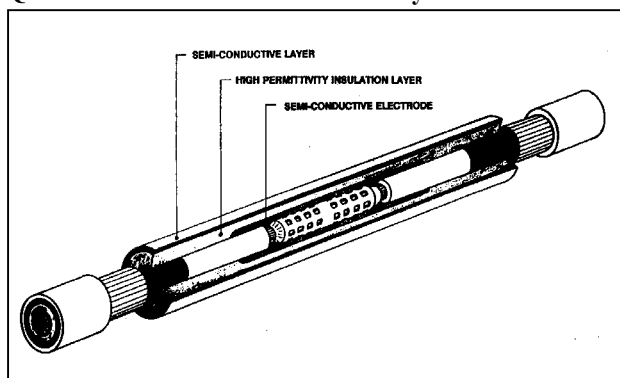
QS1000 is a one-piece cold shrink joint body manufactured from a specially formulated silicone material which provides flexibility, easy installation at low temperatures and superior electrical performance over a wide range of operating temperatures. The finished body is expanded and loaded onto a removable 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.

Important Notice

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