



Cold Shrink System - 6.6 / 11kV

QS1000

- One piece cold shrink joint body.
- 100% tested after manufacture.
- Suitable for paper and polymeric cables.



Single Core Polymeric - Copper Wire Screen / Copper Tape Screen

Conductor Size mm ²	Diameter Over Primary Insulation (mm)	Copper Wire Screen Kit Reference	Copper Tape Screen Kit Reference
70 - 150	17.7 - 26.0	92-AG 611-1	92-AG 612-1
185 - 240	22.3 - 33.2	92-AG 621-1	92-AG 622-1
300 - 400	28.4 - 42.0	92-AG 631-1	92-AG 632-1

Three Core Polymeric/Belted Paper (PILC, PICAS) Transition, Lead Sheaths and/or Armoured (select basic joint, then add additional items as appropriate)

Conductor Size mm ²	Diameter Over Primary Insulation (mm)	Kit Reference	Supplementary Kit For PILC	Supplementary Kit For Transition Joint
70 - 120	17.7 - 26.0	92-AV 610-3	Qty2 x PILC1	PILC1
150 - 185	22.3 - 33.2	92-AV 620-3	Qty2 x PILC2	PILC2
300 - 400	28.4 - 42.0	92-AV 630-3	Qty2 x PILC3	PILC3

Outer Protection Selection for 92-AV Joints Above

(either Cold Shrink or Mould and Resin)

Joint	Cold Shrink Reference	Mould	Resin Volume	Resin
92-AV 610-3	CS 610-3	1451	14 Litres	10 x 1600g Packs #1471*
92-AV 620-3	CS 620-3	1451	14 Litres	10 x 1600g Packs #1471*
92-AV 630-3	CS 630-3	1452	21 Litres	14 x 1600g Packs #1471*

* #1400U Hazardous area resin option available

Three Core Trifurcating / Transition 3 Core Belted PILC / PICAS to 3 Single Polymeric

Conductor Size mm ²	Diameter Over Primary Insulation (mm)	Kit Reference	Resin Volume	Resin
50 - 95	17.7 - 26.0	92-FV 611-3	14.5 Litres	10 x 1600g Packs #1471*
120 - 240	22.3 - 33.2	92-FV 621-3	14.5 Litres	10 x 1600g Packs #1471*
300 - 400	28.4 - 42.0	92-FV 631-3	14.5 Litres	10 x 1600g Packs #1471*

* #1400U Hazardous area resin option available



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Three Core Trifurcating - 3 Core Polymeric, Copper Tape Screen, Armoured to Single Core Polymeric

Conductor Size mm ²	Kit Reference
50 - 95	92-MV 610-3
120 - 185	92-MV 620-3

Cold Shrink Single Core Polymeric Cable Build Up Supplementary Kit

Select in conjunction with an QS1000 joint kit for polymeric cable, when one or both the conductors to be joined fall below the minimum range for the joint.

Conductor Size mm ²	Insulation Diameter mm	Build Up Kit Reference (Polymeric Only)
25 - 50	13.7 - 20.4	92-PG 610-1
70 - 150	17.7 - 24.2	92-PG 620-1
150 - 240	22.3 - 31.0	92-PG 630-1

Note: These are single phase kits, one is required for each phase to be joined that falls below the minimum range of the joint.

Mechanical Earthing System

Conductor Size mm ²	Insulation Diameter mm	Kit Reference
up to 35	PILC	MEH V0
50 - 95	PILC	MEH V1
120 - 300	PILC	MEH V2
up to 95	PICAS	MEH V3
120 - 300	PICAS	MEH V4

6.6 / 11 / 24 and 33kV

Using the 3M QS2000 and QS111 Cold Shrink Joint Bodies

3M cold shrink solutions are available for:

- Single core branch - XLPE / copper wire screened up to 24kV.
- Single core for polymeric, copper wire screened 12 / 24 and 36kV.
- 3 core for polymeric, copper tape screen, armoured 36kV.
- Single core transition for polymeric to paper MIND cables 36kV.
- trifurcating / Transition for single core XLPE to 3 core PILC 36kV (mould & resin).
- Single core for polymeric copper wire screen up to 52kV.

Consult our sales office for guidance.