

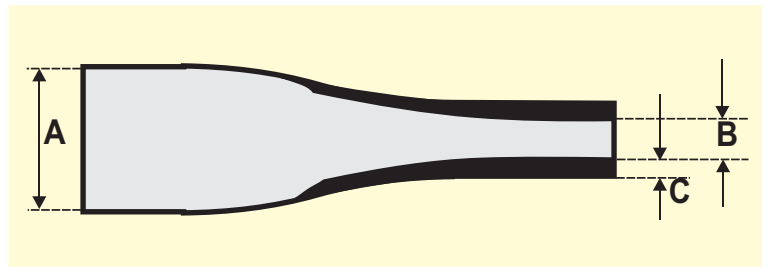
# Thick Wall Heat Shrink Tubing

The **JOINTMASTER** -  elcon thick wall polyolefin heat shrink tubing is an excellent product for sealing and insulating cables, joints and cable sheath repairs.

The tubing is designed to withstand severe mechanical, submersible and direct buried installation requirements.

- Continuous temperature range -55° C to 125° C.
- 3: 1 Shrink ratio.
- Excellent weatherability.
- High abrasion, corrosion and chemical resistance.
- Available with or without hot meltable internal sealant.

Tubing Size	A EXP	B REC	C REC
FS 13/04	13	3	2.5
FS 19/06	19	6	2.5
FS 28/09	28	9	3.0
FS 40/12	40	12	4.2
FS 52/16	52	16	4.2
FS 68/22	68	22	4.2
FS 85/25	85	25	4.2
FS 90/30	90	30	4.2
FS 130/36	130	36	4.5
FS 160/50	160	50	4.5
FS 185/50	185	50	4.5
FS 240/54	240	54	5.0



EXP = As supplied expanded  
REC = After free recovery

Suffix "A" = With sealant

Standard Length = 1200mm ~ 1500mm

MATERIAL SPECIFICATION	RESULTS	TEST METHOD
<b>THERMAL PROPERTIES</b>		
Continuous operating temperature	-55 ~ +125°C	IEC 216
Shrinking temperature	120°C	IEC 216
Thermal shock	No damage	ASTM D 2671 - 746
Cracking low temperature	< -55°C	ASTM D 2671
Flamability	Not self extinguishing	ASTM D 876
<b>PHYSICAL PROPERTIES</b>		
Shrink ratio	3:1 ~ 4:1	
Tensile strength	> 12 N/mm <sup>2</sup>	ASTM D 638
Elongation	> 400%	ASTM D 638
Longitudinal shrinkage	< 10%	ASTM D 2671
Permeability	< 0,1%	UNI ISO 62
Secant modulus 2%	> 160 Mpa	ASTM D 882
<b>ELECTRICAL PROPERTIES</b>		
Dielectric strength	> 15 kV/mm	ASTM D 149
Volume resistivity	> 1 x 10 <sup>12</sup> cm	ASTM D 257
<b>CHEMICAL PROPERTIES</b>		
Mould resistance	No growth	ASTM G 21 - D 638
Oil resistance	Excellent	ISO 175
Environmental resistance	No damage	ASTM D 1693

*Setting the Standards in Cable Jointing*