

HEAVY WALL HEAT SHRINKABLE TUBING (FSA)

FSA tubes are made of X-linked polyolefin coated with an inner sealant, and shrinkable at over 125°C. In addition to electrical insulation, they provide a high protection against physical and chemical factors.

Applications:

- Low voltage terminations
- Low and medium voltage joints
- Bus bar tubing and insulation
- Insulation of cabling accessories such as copper and aluminum connectors & lugs



FEATURES	Results	Standards
THERMAL	-	-
Continuous Temperature Limits	-55°C+125°C	-
Thermal Shock (225°C)	NO damage	ASTM D 2671
PHYSICAL	-	-
Tensile Strength	≥ 10 MPa	ASTM D 638
Elongation	≥ 400%	ASTM D 638
Longitudinal Change	≤ 10%	ASTM D 2671
Water Absorption	≤ 0.1%	UNI ISO 62
ELECTRICAL	-	-
Dielectric Strength	≥ 20kV/mm	ASTM D 149
Volume Resistivity	≥ 1*10 ¹² Ωcm	ASTM D 257
CHEMICAL	-	-
Environmental Resistance	NO damage	ASTM D 1693
Oil Resistance	Excellent	ISO 175
Fungi Resistance	NO growth	ASTM G 21

Dimensions mm ²	D min mm ²	d max mm ²	Tmin mm ²
9/3 (12/3)	9(12)	3	2.35
13/4	13	4	2.3
19/6 (18/6 , 22/6)	19(18,22)	6	3
28/9 (33/8)	28(33)	9(8)	3.4
38/12 (40/12)	38(40)	12	3.85
51/16 (55/16)	51(55)	16	4.5
68/22 (75/22)	68(75)	22	5.45
105/30 (95/30)	105(95)	30	4.1
130/36	130	36	4.1
140/42	140	42	3.5
165/50	165	50	4.5
185/50	185	50	4.5



COLORS
 Black