

CRMa

Medium wall, dual wall, polyolefin heat shrink tubing with an excellent adhesive for environmental protection and insulation for various aerial and underground telecom and power applications.

Features

1. Very good strain relief, impact and abrasion resistant
2. Strong and perfectly encapsulating adhesive
3. High shrink ratio
4. Halogen free
5. UV resistant
5. Shrink temperature > 110°C
6. Operating temperature -40°C to +120°C



Standard packaging

- 1.0 Meter length

Dimensions

Size mm	Min. ID supplied mm	Max. ID recovered mm	Recovered wall thickness (NOM) mm
8/2	8	2	2.00
12/3	12	3	2.20
22/6	22	6	2.30
28/6	28	6	2.30
33/8	33	8	2.60
40/12	40	12	2.60
56/17	56	17	2.90
65/19	65	19	3.15
72/22	72	22	3.15
92/26	92	26	3.15
115/35	115	35	3.35
140/45	140	45	3.40
160/55	160	55	3.40
180/60	180	60	3.50
200/65	200	65	3.50
235/65	235	65	3.50

Colours



black

Physical properties

Description	Test method	Typical value
Tensile strength	ASTM D 2671	min. 12 MPa
Elongation at break	ASTM D 2671	min. 400%
Longitudinal change	ASTM D 2671	-10% to 0%
Water absorption	ASTM D 570	min. 0.5%

Electrical properties

Description	Test method	Typical value
Dielectric strength	ASTM D 149	min. 15 kV/mm
Volume resistivity	ASTM D 257	min. 10 ¹⁴ ohm cm
Adhesive properties		
Softening point	ASTM E28	90°C +/- 5
Water penetration	-	No penetration after 235 hours immersion at 23°C
Peel strength	PE	41 Pli
	Aluminium	40 Pli

Thermal properties

Description	Test method	Typical value
Heat shock 4 hours at 225°C	ASTM D 2671	no dripping, cracking or flowing
Heat aging 168 hours at 150°C	ASTM D 2671	elongation min. 300%
Low temp. flexibility at 4 hours at 55°C	ASTM D 2671	no cracking
UV Resistance 500 hours at 60°C	ISO 8580	no cracking, no color change

Chemical properties

Description	Test method	Typical value
Copper corrosion	ASTM D 2671	no corrosion