



DM-W/DM-WA MEDIUM&HEAVY WALL TUBING

Medium wall heat shrink tubing (DM-W), with adhesive (DM-WA)

Applications

Suitable for a variety of low voltage electrical and mechanical applications, where lighter weight and greater flexibility are important. Recommended to applications for light cable and wire harnesses that require waterproofing, protection, and sealing of connectors components within the tubing.

Features

High electrical insulation. High resistance to impact, abrasion and UV. Provides excellent mechanical protection to cable joints and terminations. 3:1 shrink ratio allows it to fit over irregular shape and large connectors.

Various

Operating temperature : -55°C to +110°C

Shrink temperature: 120°C

Resistant to UV-radiation.

Standard colors: Black. Special color: Red

Packaging: Spools or length as standards according to product sizes.

Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥14MPa
Tensile strength after aging(158°C/168 hrs.)	ASTM D 2671	≥12 MPa
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging(158°C/168 hrs.)	ASTM D 2671	≥300%
Longitudinal shrinkage	UL224	0 to -10%
Density	ASTM D 792	1.05g/cm ³
Dielectric strength	IEC 243	≥20 kV/mm
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Eccentricity	ASTM D 2671	<30%
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking	ASTM D 1693 (50°C)	No Cracking
Water absorption	ISO 62 (23°C/14 days)	<0.15%
Thermoplastic adhesive for DM-WA		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength (PE)	DIN 30672	4N/cm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

Size	As Supplied (mm)	After Recovery (mm)		Standard length m
DM-W/DM-WA (D)	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Nominal. (t)	
8/2	8	2	1.7	1.22
9/3	9	3	1.7	1.22
12/4	12	4	2.0	1.22
16/5	16	5	2.2	1.22
19/6	19	6	2.5	1.22
22/6	22	6	2.5	1.22
25/8	25	8	2.5	1.22
28/6	28	6	2.5	1.22
33/8	33	8	2.5	1.22
35/12	35	12	2.5	1.22
40/12	40	12	2.5	1.22
45/13	45	13	2.5	1.22
55/16	55	16	2.7	1.22
65/19	65	19	2.8	1.22
75/22	75	22	3.0	1.22
85/25	85	25	3.0	1.22
95/25	95	25	3.0	1.22
115/34	115	34	3.0	1.22
130/36	130	36	3.0	1.22
140/42	140	42	3.0	1.22
160/50	160	50	3.0	1.22
175/58	175	58	3.0	1.22
200/65	200	65	3.0	1.22
230/75	230	75	3.0	1.22
260/85	260	85	3.0	1.22
300/85	300	85	3.0	1.22
350/100	350	100	3.0	1.22



*Length as standards. 1 m. or 1,22 m. sticks, special lengths or cut pieces available on request.