



D-HW/DH-WA MEDIUM&HEAVY WALL TUBING

Heavy wall heat shrink tubing (D-HW), with adhesive (DH-WA)

Applications

Designed for applications to seal and protect electrical and communication connections. Provides excellent mechanical protection to cable joints and terminations, flexible gas pipes, etc....

Features

High resistance to impact, abrasion, corrosion, UV and chemical. Rated for 1 kV, 90 °C continuous use. DH-WA is recommended for applications on light cables and wire harnesses which require waterproofing, protection of connector components, and thus encapsulates and seal components contained within the tubing.

Various

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

Shrink temperature: 120°C

Resistant to UV-radiation.

Standard colors: Black. Special color: Red.

Packaging: Length as standards.

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 DH-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
D-HW/DH-WA (D)	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Nominal. (t)	
9/3	9	3	2.0	1.22
12/4	12	4	2.4	1.22
16/5	16	5	2.7	1.22
19/6	19	6	3.2	1.22
22/6	22	6	3.2	1.22
25/8	25	8	3.2	1.22
33/8	33	8	3.2	1.22
40/12	40	12	4.0	1.22
45/13	45	13	4.0	1.22
55/16	55	16	4.0	1.22
65/19	65	19	4.0	1.22
75/22	75	22	4.0	1.22
85/25	85	25	4.3	1.22
95/25	95	25	4.3	1.22
100/30	100	30	4.3	1.22
115/34	115	34	4.3	1.22
130/36	130	36	4.3	1.22
140/42	140	42	4.3	1.22
160/50	160	50	4.3	1.22
175/58	175	58	4.3	1.22
200/65	200	65	4.3	1.22

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