



PERFECT MAKES **BOXCO!**

HEAVY WALL TUBING AHW / AHWA

Heavy wall tubing (AHW), adhesive lined (AHWA)



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. AHWA is recommended for applications on light cables and

wire harnesses which require waterproofing, protection of connector components. Halogen and Cadmium free.

Various

Operating temperature : -55°C to + 125°C
Shrink temperature: minimum recovery 120°C.
Standard colors: black (special color: red).
Packaging: 1 m. or 1.2 m. sticks, special lengths, special printing on request. Specials: special sizes. Other special features available on request.

Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55 to +125°C
Tensile strength	ASTM D 2671	≥14 MPa
Tensile strength after aging	ASTM D 2671/150°C, 168 hrs.	≥12 MPa
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging	150°C, 168 hrs.	≥300%
Density ASTM	D 792	1.05g/cm ³
Longitudinal shrinkage	UL 224	0 to - 10%
Dielectric strength	IEC 243	≥20 kV/mm
Volume resistance	IEC93	10 ¹⁴ Ω cm
Eccentricity	ASTM D 2671	<30%
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking	ASTM D 1693	No Cracking
Water absorption	ISO 62/23, 14 days	<0.15%

Thermoplastic adhesive for AHWA

Water absorption	ISO 62	<0.2%
Softening point	ASTM D E8	85°C
Peel strength (PE)	DIN 30672	4 N/cm
Copper stability	ASTM D 2671	Non corrosive
Resistance to fungus and decay	ISO 846	Pass

Dimensions

AHW/AHWA	As Supplied Min. Inside Diameter (mm)	After Recovered Max. Inside Diameter (mm)	After Recovered Min. Wall Thickness (mm)	*Style	Standard Length (m)
9/3	9	3	1.8	0	1.22
13/4	13	4	2.4	0	1.22
22/6	22	6	2.7	0	1.22
33/8	33	8	3.2	0	1.22
40/12	40	12	4.1	0	1.22
45/12	45	12	4.1	0	1.22
55/16	55	16	4.1	0	1.22
75/22	75	22	4.1	0	1.22
85/25	85	25	4.3	0	1.22
95/30	95	30	4.3	0	1.22
105/30	105	30	4.3	0	1.22
130/36	130	36	4.3	0	1.22
160/50	160	50	4.3	0	1.22
180/50	180	50	4.3	0	1.22
200/60	200	60	4.3	0	1.22

* Style "0": Round shape or Oval