

BH-RA2

MEDIUM WALL POLYOLEFIN TUBING

Features/Applications

BH-RA2 is medium wall tubing with hot melt adhesive, having properties of excellent insulating, environmental sealing, and resistant to impact and abrasion. Designed for applications to seal and protect electrical splices, cable terminations and joints where electrical insulation and water proof are required. 3:1 shrink ratio allows it easily fit over irregular shape and large connectors.



- Resistant to UV
- High electrical insulation
- Superior mechanical protection
- Minimum fully recovery temperature: 120°C
- Standard color: Black, Red

Technical Data

Property	Test Method	Typical Data
Operating	IEC 216	-55 to +110°C
Tensile strength	ASTM D2671	≥14MPa
Tensile strength after aging	ASTM D 2671/150°C, 168hrs.	≥12MPa
Elongation at break	ASTM D2671	≥400%
Elongation at break after aging	ASTM D 2671/150°C, 168hrs.	≥300%
Density	ASTM D792	1.05g/cm ³
Longitudinal shrinkage	UL224	0 to -10%
Dielectric strength	IEC243	≥20kV/mm
Volume resistance	IEC93	≥10 ¹⁴ Ω.cm
Eccentricity	ASTM D2671	<30%
Copper stability	ASTM D2671	Pass
Resistance to stress cracking	ASTM D1693 (50°C)	No Cracking
Water absorption	ISO 62/23°C, 14days	<0.15%
Impact resistance	-	>8Nm
Thermoplastic adhesive		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	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

Product Dimensions (mm/inch)

Normal size (mm)	As supplied (mm)	After recovered (mm)		Style	Standard length (mm)
	Inside diameter (min.)	Inside diameter (Max.)	Wall thickness (mm)		
8/2	8	2	1.7	o	1000-1500
12/3	12	3	2.0	o	1000-1500
16/5	16	5	2.2	o	1000-1500
19/5	19	5	2.5	o	1000-1500
22/6	22	6	2.5	o	1000-1500
28/6	28	6	2.5	o	1000-1500
33/8	33	8	2.5	o	1000-1500
40/12	40	12	2.5	o	1000-1500
55/16	55	16	2.7	o	1000-1500
65/19	65	19	2.8	o	1000-1500
75/22	75	22	3.0	o	1000-1500
85/25	85	25	3.0	o	1000-1500
95/25	95	25	3.0	o	1000-1500
115/34	115	34	3.0	o	1000-1500
140/42	140	42	3.0	o	1000-1500
160/50	160	50	3.0	o	1000-1500
180/58	180	58	3.0	o	1000-1500
205/65	205	65	3.0	o	1000-1500
235/65	235	65	3.0	o	1000-1500
265/75	265	75	3.0	o	1000-1500
300/85	300	85	3.0	o	1000-1500
350/100	350	100	3.0	o	1000-1220

* Style “O” : Round shape or Oval, “—” : Flattened