

BH-R3

HEAVY WALL POLYOLEFIN TUBING

NOT COATED

Features/Applications

BH-R3 is semi-rigid heavy wall tubing without hot melting Adhesive. Have properties of excellent insulating and resistant to mechanical impact. Protecting electrical cable splices, terminations and joints where electrical Insulation 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 temperature	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	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 (50°C)	ASTM D1693	No Cracking
Water absorption	ISO 62/23°C,14days	<0.15%

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)		
9/3	9	3	1.8	O	1000-1500
13/4	13	4	2.4	O	1000-1500
22/6	22	6	2.7	O	1000-1500
33/8	33	8	3.2	O	1000-1500
40/12	40	12	4.1	O	1000-1500
45/12	45	12	4.1	O	1000-1500
55/16	55	16	4.1	O	1000-1500
75/22	75	22	4.1	O	1000-1500
85/25	85	25	4.3	O	1000-1500
95/30	95	30	4.3	O	1000-1500
105/30	105	30	4.3	O	1000-1500
130/36	130	36	4.3	—	1000-1500
160/50	160	50	4.3	—	1000-1500
180/50	180	50	4.3	—	1000-1500
200/60	200	60	4.3	—	1000-1500

*style "O": round or oval