

## BH-R2

## MEDIUM WALL POLYOLEFIN TUBING

## Features/Applications

BH-R2 is semi-rigid medium wall tubing without hot melt adhesive, Having properties of excellent insulating and resistant to impact and abrasion. Designed for applications to protect 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



## 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	ASTM D 2671/150°C, 168hrs.	≥300%
Density	ASTM D792	1.05g/cm <sup>3</sup>
Longitudinal shrinkage	UL224	0 to -10%
Dielectric strength	IEC243	≥20kV/mm
Volume resistance	IEC93	≥10 <sup>14</sup> 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)		
BH-R2 8/2	8	2	1.7	—	30M/Spoll
BH-R2 12/3	12	3	2.0	—	30M/Spoll
BH-R2 16/5	16	5	2.2	—	30M/Spoll
BH-R2 22/6	22	6	2.2	O	1000-1500mm
BH-R2 33/8	33	8	2.5	O	1000-1500 mm
BH-R2 40/12	40	12	2.5	O	1000-1500 mm
BH-R2 55/16	55	16	2.7	O	1000-1500 mm
BH-R2 65/19	65	19	2.8	O	1000-1500 mm
BH-R2 75/22	75	22	3.0	O	1000-1500 mm
BH-R2 85/25	85	25	3.0	O	1000-1500 mm
BH-R2 95/25	95	25	3.0	O	1000-1500 mm
BH-R2 115/34	115	34	3.0	O	1000-1500 mm
BH-R2 140/42	140	42	3.0	—	1000-1500 mm
BH-R2 160/50	160	50	3.0	—	1000-1500 mm
BH-R2 180/58	180	58	3.0	—	1000-1500 mm
BH-R2 205/65	205	65	3.0	—	1000-1500 mm
BH-R2 235/65	235	65	3.0	—	1000-1500 mm
BH-R2 265/75	265	75	3.0	—	1000-1500 mm
BH-R2 300/85	300	85	3.0	—	1000-1500 mm
BH-R2 350/100	350	100	3.0	—	1000-1220 mm

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