

BH-RA6X

6:1 VERY HIGH SHRINK RATIO HEAVY WALL COATED TUBING

Features/Applications

Idea for applications to extremely different diameter between cables, connectors and components. The very high shrink ratio provides close fit to a wide variety of irregular shapes connector and figurations. Provide excellent mechanical protection to cable joints and terminations ,complete environmental sealing, and resistant to impact and abrasion.



- Shrink ratio: 6:1
- 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 D 2671	≥14MPa
Tensile strength after aging	ASTM D 2671/158°C, 168hrs.	≥12MPa
Longitudinal shrinkage	UL224	0, -10%
Elongation at break	ASTM D 2671	≥400%
Elongation at break after aging	ASTM D 2671/150°C, 168hrs.	≥300%
Dielectric strength	IEC 243	≥20KV/mm
Volume resistance	IEC 93	≥10 ¹⁴ Ω .cm
Heat shock(225°C/4hrs)	ASTM D 2671	No cracking or flowing
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)

Normal size (mm)	As supplied (mm)		After recovered (mm)		*Style	Standard length (mm)
	Inside diameter (min.)	Inside diameter (Max.)	Inside diameter (Max.)	Wall thickness (mm)		
19/3.2	19	3.2	3.2	3.2	O	1000-1220
33/5.5	33	5.5	5.5	3.4	O	1000-1220
44.4/7.4	44.4	7.4	7.4	3.6	O	1000-1220
50.8/8.3	50.8	8.3	8.3	4.3	O	1000-1220
69.8/11.7	69.8	11.7	11.7	4.8	O	1000-1220
88.9/17.1	88.9	17.1	17.1	4.8	O	1000-1220
119.4/22.9	119.4	22.9	22.9	4.8	O	1000-1220
235/40	235	40	40	4.8	O	1000-1220

*style "O": round or oval