

BH-5(3X)/(4X)

DUAL WALL ,ADHESIVE-LINED FLEXIBLE POLYOLEFIN TUBING

SHRINK RATIO 3:1,4:1

Features/Applications

Manufactured by co-extrusion of polyolefin and hot -melt adhesive. Designed to provide both insulation and sealing .
Used to protect auto wires ,shipping cable, bundle wires and metal tubes against water and moisture.

- Approvals:  125°C VW-1 600V
- Operating temperature: -45°C~+125°C
- Meet: SAE-AMS-DTL-23053/4
- Minimum shrink temperature: 80°C
- Minimum fully recovery temperature: 120°C
- Standard color: Black

Special color: Red, Blue, White, Yellow
Clear(non-flame retardant jacket)



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	10.4MPa
Tensile strength after aging(158°C, 168hrs)	ASTM D 2671	Remains 70%
Elongation at break	ASTM D 2671	300% (min.)
Elongation at break after aging 158°C, 168hrs.	ASTM D 2671	100% (min.)
Longitudinal shrinkage	UL 224	0 to -10%
Heat shock	250°C, 4hrs.	No cracking, no dropping
Cold bend -30°C, 1hr.	ASTM D 2671	No cracking
Voltage withstand AC 2500V, 60 seconds	ASTM D 2671	No breakdown
Volume resistance	ASTM D 876	10 ¹⁴ Ω.cm(min.)
Flammability	SAE-AMS-DTL-23053/4	Self-extinguish in 30 sec.
Copper corrosion 158°C, 168hrs.	UL 224	Pass
Water absorption	ASTM D 570	<0.5%

Product Dimensions (mm/inch)

Normal size		As supplied (mm)	After recovered (mm)			Standard length (m)	Spool length (m)
(mm)	(inch)	Inside diameter (min.)	Inside diameter (Max.)	Wall thickness (mm)	Adhesive Thickness (mm)		
BH-5(3X) 3:1 Adhesive-lined tubing							
3.2/1	1/8	3.2	0.6	1.00±0.10	0.5	1.22	200
4.8/1.5	3/16	4.8	1.5	1.10±0.10	0.5	1.22	100
6.4/2	1/4	6.4	2	1.20±0.10	0.5	1.22	100
9.1/3	3/8	9.1	3	1.30±0.10	0.6	1.22	50
12.7/4	1/2	12.7	4	1.70±0.15	0.8	1.22	25
19.1/6	3/4	19.1	6	2.00±0.20	0.8	1.22	25
25.4/8	1	25.4	8	2.20±0.20	1.05	1.22	25
30/10	11/4	30	10	2.40±0.20	1.05	1.22	25
39/13	11/2	39	13	2.50±0.20	1.05	1.22	25
50.8/19	2	50.8	19	2.50±0.20	1.05	1.22	25
65/22	2.56	65/	22	2.50±0.20	1.05	1.22	25
75/25	2.95	75	25	2.50±0.20	1.05	1.22	25
85/29	3.35	85	29	2.50±0.20	1.05	1.22	/
95/32	3.74	95	32	2.50±0.20	1.05	1.22	/
115/39	4.53	115	39	2.50±0.20	1.05	1.22	/
BH-5(4X) 4:1 Adhesive-lined tubing							
4/1	3/16	4	1	1.00±0.10	0.5	1.22	100
6/1.27	1/4	6	1.27	1.20±0.10	0.6	1.22	100
8/1.65	5/16	8	1.65	1.55±0.10	0.75	1.22	50
12/3	1/2	12	3	1.95±0.15	1.0	1.22	25
16/4	5/8	16	4	2.10±0.15	1.05	1.22	25
18/4.45	3/4	18	4.45	2.40±0.20	1.2	1.22	25
24/6	1	24	6	2.50±0.20	1.25	1.22	25
32/8	11/4	32	8	2.50±0.20	1.25	1.22	25
40/10	11/2	40	10	2.50±0.20	1.25	1.22	25
52/13	2.05	52	13	2.50±0.20	1.25	1.22	25

Special size, cut pieces are available on request.

Halogen free heat shrinkable adhesive-lined tubing is available on request.