



SBRS-125G (3X) HB

Heavy Wall Adhesive-lined Dual Wall Tubing



Description

SBRS-125G (3X)HB is a cross-linked polyolefin tube that is extruded with an inner layer of adhesive. The inner layer of adhesive, with superior sealing capability, is also a buffer against mechanical strain. Dual wall heat shrink tubing is designed to provide superior sealing against water, corrosive gas and chemicals. Typical applications include environmental sealing of in-line splices, sealing and strain relief of

Features

- Standard :UL 224
- Shrink ratio:3:1
- Heavy wall, flame retardant outer layer ,environmentally friendly, UV resistant
- Shrink temperature:80°C ~120°C
- Continuous operating temperature:-45°C ~125°C
- RoHS compliant
- Standard color: Black



Technical Performance

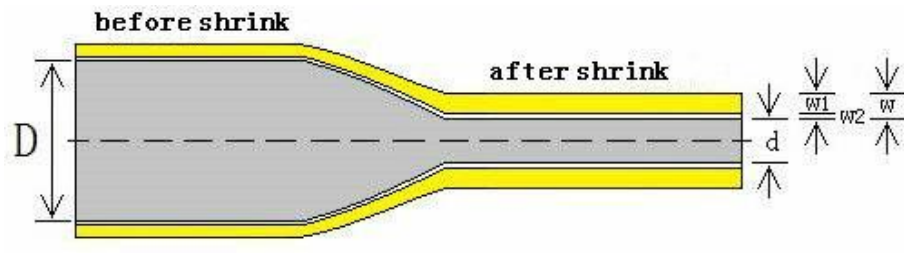
Property	Typical data	Test method/condition
Tensile strength	≥14MPa	ASTM D 2671
Elongation at break	≥400%	ASTM D 2671
Tensile strength after heat aging	≥12MPa	158°C×168h
Elongation after heat aging	≥350%	158°C×168h
Longitudinal change	0~-10%	ASTM D 2671
Flammability	Self extinguishing in 30 sec.	AMS-DTL-23053/5
Dielectric strength	≥20kV/mm	IEC 60243
Volume resistivity	≥10 ¹⁴ Ω.cm	IEC 60093

Technical Performance of Adhesive

Property	Typical data	Test method/condition
Softening point	85±5°C	ASTM E 28
Water absorption	<0.5%	ASTM D 570
Peel strength(PE)	≥120N/25mm	ASTM D 1000
Peel strength(Al)	≥80N/25mm	ASTM D 1000



Structure



Dimensions (3:1)

Size		As supplied ID(mm) D	After full recovery(mm)			Standard package (m/spool)
mm	inch		ID d	Wall thickness w1	Thickness of adhesive w2	
Φ19/6.0	3/4	19.0	6.0	3.0	1.35	1.22
Φ25/8.0	1	25.0	8.0	3.0	1.35	1.22
Φ33/8.0	1-1/4	33.0	8.0	3.0	1.35	1.22
Φ40/12	1-1/2	40.0	12.0	3.0	1.35	1.22
Φ55/16	2	55.0	16.0	3.0	1.35	1.22
Φ65/19	2-1/2	65.0	19.0	3.0	1.35	1.22



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$\Phi 75/22$	3	75.0	22.0	3.0	1.35	1.22
$\Phi 85/25$	3-3/8	85.0	25.0	3.0	1.35	1.22
$\Phi 100/33$	4	100.0	33.0	3.0	1.35	1.22

Note: Non-standard package and dimensions are available on request