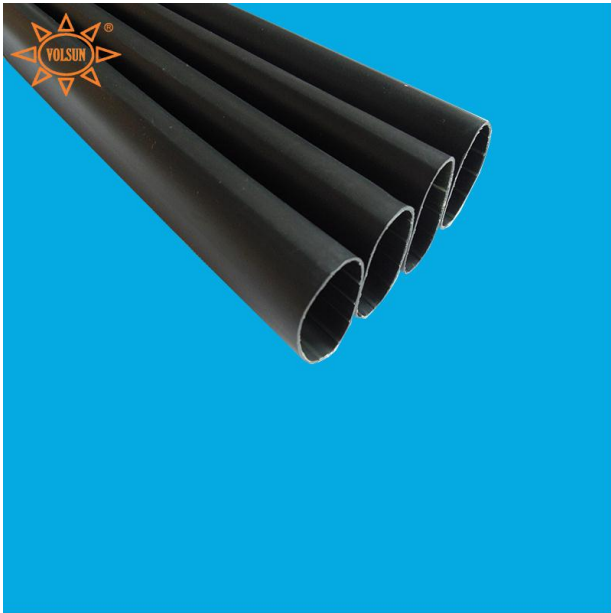




HBDJ-110G (3.5X) NF

Semi Rigid Heavy Wall Adhesive lined Heat Shrink Tubing



Description

HBDJ-110G (3.5X) NF Semi rigid heavy wall adhesive lined heat shrink tubing is made of polyolefin materials extruded with a layer of hot melt adhesive inside. This product carries excellent insulation and sealing, corrosion resistance performance, with which it was found in wide applications like insulations and protections for high voltage cable middle connections and terminations, busbars, as well as different kinds of pipelines because of its excellent corrosion resistance, moisture-proof, and abrasion resistance performances.

Features

- Semirigid, non-flame retardant, environment friendly
- Min. shrink temperature: 80°C
- Min full recovery temperature: 120°C
- Continuous operating temperature: -55°C ~110°C
- Shrink ratio: 3.5:1
- RoHS compliant
- Standard color: black, more colors are available upon request



Technical Performance

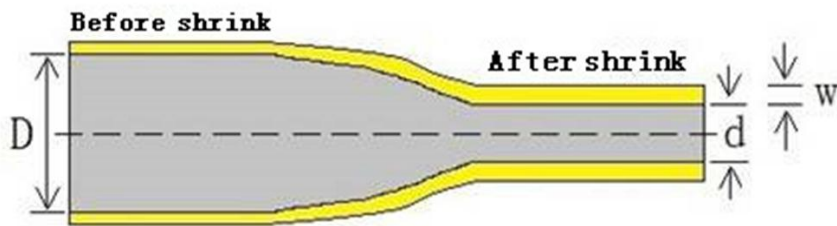
Properties	Typical Data	Test Method
Tensile strength	≥14MPa	ASTM D 2671
Elongation	≥400%	ASTM D 2671
Tensile strength after heat ageing	≥12MPa	150°C ×168h
Elongation after heat ageing	≥300%	150°C ×168h
Longitudinal change	0~-10%	ASTM D 2671
Flammability	Non flame retardant	-
Dielectric strength	≥18kV/mm	IEC 60243
Volume resistivity	≥10 ¹³ Ω.cm	IEC 60093

Hot melt adhesive

Property	Typical data	Test method/conditions
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(3.5:1)

Size(mm)	As supplied D(mm)	Recovered (mm)		Standard package
		Internal diameter d	Wall thickness w	(m/pc)
Φ9.0/3.0	≥9.0	≤3.0	≥1.8	1.00 ~ 1.50
Φ13.0/4.0	≥13.0	≤4.0	≥2.4	1.00 ~ 1.50
Φ22.0/6.0	≥22.0	≤6.0	≥2.7	1.00 ~ 1.50
Φ33.0/8.0	≥33.0	≤8.0	≥3.2	1.00 ~ 1.50
Φ40.0/12.0	≥40.0	≤12.0	≥4.1	1.00 ~ 1.50



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Φ45.0/12.0	≥45.0	≤12.0	≥4.1	1.00 ~ 1.50
Φ55.0/16.0	≥55.0	≤16.0	≥4.1	1.00 ~ 1.50
Φ75.0/22.0	≥75.0	≤22.0	≥4.1	1.00 ~ 1.50
Φ85.0/25.0	≥85.0	≤25.0	≥4.3	1.00 ~ 1.50
Φ95.0/30.0	≥95.0	≤30.0	≥4.3	1.00 ~ 1.50
Φ105.0/30.0	≥105.0	≤30.0	≥4.3	1.00 ~ 1.50
Φ115.0/34.0	≥115.0	≤34.0	≥4.3	1.00 ~ 1.50
Φ130.0/36.0	≥130.0	≤36.0	≥4.3	1.00 ~ 1.50
Φ160.0/50.0	≥160.0	≤50.0	≥4.3	1.00 ~ 1.50
Φ180.0/50.0	≥180.0	≤50.0	≥4.3	1.00 ~ 1.50
Φ200.0/60.0	≥200.0	≤60.0	≥4.3	1.00 ~ 1.50
Φ235.0/65.0	≥235.0	≤65.0	≥4.5	1.00 ~ 1.50
Φ265.0/75.0	≥265.0	≤75.0	≥4.5	1.00 ~ 1.50
Φ300.0/85.0	≥300.0	≤85.0	≥4.5	1.00 ~ 1.50
Φ350.0/100.0	≥350.0	≤100.0	≥4.5	1.00 ~ 1.50

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