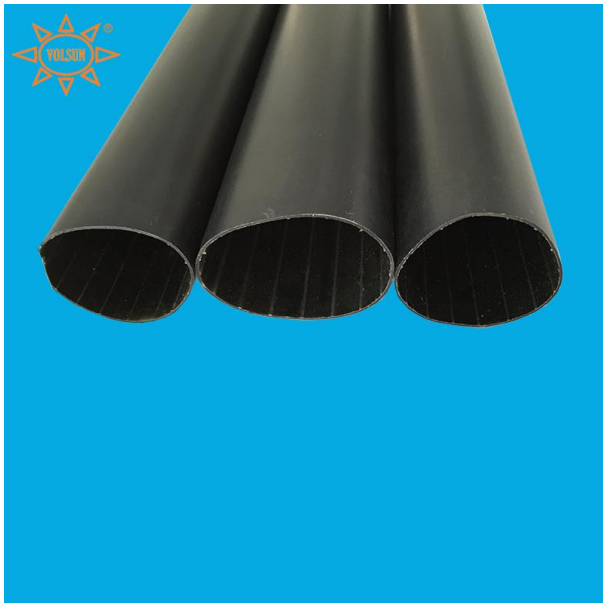




ZBDJ-110G(3.5X)NF

Semi Rigid Medium Wall Adhesive-lined Heat Shrink Tubing



Description

ZBDJ-110G(3.5X)NF Semi rigid medium wall adhesive-lined heat shrink tubing is made of semi rigid polyolefin extruded with a layer of hot melt adhesive inside. This product carries excellent insulation and sealing, corrosion resistance performance, and are found in wide applications like insulation and protection of medium and low 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

- Shrink ratio:3.5:1
- Semi rigid, non flame retardant, environmentally friendly
- Shrink temperature:80°C ~120°C
- Continuous operating temperature:-55°C ~110°C
- RoHS compliant
- Standard colors: black



Technical Performance

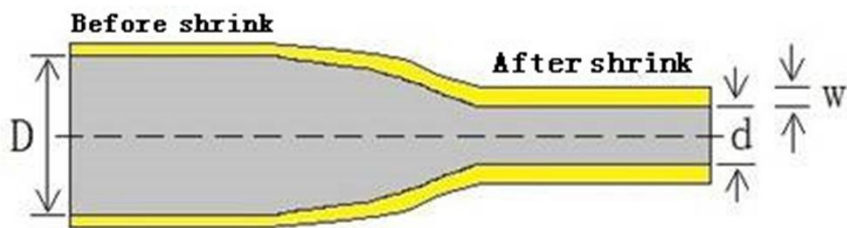
Properties	Typical Data	Test Method
Tensile strength	≥14MPa	ASTM D 2671
Elongation	≥400%	ASTM D 2671
Tensile strength after heat ageing	≥12MPa	150°C×168h
Elongation after heat ageing	≥300%	150°C×168h
Longitudinal change	0 ~ -10%	ASTM D 2671
Flammability	Non flame retardant	-
Dielectric strength	≥18kV/mm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

Hot melt adhesive

Property	Typical data	Test method/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 (3.5:1)

Size(mm)	As supplied D(mm)	After full recovery(mm)		Standard package (m/spool, m/pc)
		ID d	Wall thickness w	
Φ8.0/2.0	≥8.0	≤2.00	≥1.7	1.00 ~ 1.50
Φ9.0/3.0	≥9.0	≤3.00	≥1.8	1.00 ~ 1.50
Φ12.0/3.0	≥12.0	≤3.00	≥1.8	1.00 ~ 1.50
Φ16.0/5.0	≥16.0	≤5.00	≥2.0	1.00 ~ 1.50
Φ19.0/5.0	≥19.0	≤5.00	≥2.2	1.00 ~ 1.50
Φ22.0/6.0	≥22.0	≤6.00	≥2.2	1.00 ~ 1.50



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Φ28.0/6.0	≥28.0	≤6.00	≥2.5	1.00 ~ 1.50
Φ33.0/8.0	≥33.0	≤8.00	≥2.5	1.00 ~ 1.50
Φ40.0/12.0	≥40.0	≤12.0	≥2.5	1.00 ~ 1.50
Φ45.0/12.0	≥45.0	≤12.0	≥2.5	1.00 ~ 1.50
Φ55.0/16.0	≥55.0	≤16.0	≥2.7	1.00 ~ 1.50
Φ65.0/19.0	≥65.0	≤19.0	≥2.8	1.00 ~ 1.50
Φ75.0/22.0	≥75.0	≤22.0	≥3.0	1.00 ~ 1.50
Φ85.0/25.0	≥85.0	≤25.0	≥3.0	1.00 ~ 1.50
Φ95.0/30.0	≥95.0	≤30.0	≥3.0	1.00 ~ 1.50
Φ115.0/34.0	≥115.0	≤34.0	≥3.3	1.00 ~ 1.50
Φ140.0/42.0	≥140.0	≤42.0	≥3.5	1.00 ~ 1.50
Φ160.0/50.0	≥160.0	≤50.0	≥3.5	1.00 ~ 1.50
Φ180.0/58.0	≥180.0	≤58.0	≥3.5	1.00 ~ 1.50
Φ205.0/65.0	≥205.0	≤65.0	≥3.5	1.00 ~ 1.50
Φ235.0/65.0	≥235.0	≤65.0	≥3.7	1.00 ~ 1.50
Φ265.0/75.0	≥265.0	≤75.0	≥4.0	1.00 ~ 1.50
Φ300.0/85.0	≥300.0	≤85.0	≥4.0	1.00 ~ 1.50
Φ350.0/100.0	≥350.0	≤100.0	≥4.3	1.00 ~ 1.50
Φ380.0/150.0	≥380.0	≤150.0	≥4.3	1.00 ~ 1.50
Φ410.0/150.0	≥410.0	≤150.0	≥4.3	1.00 ~ 1.50

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

<http://www.szvolsun.com>

[E-mail:sales@szvolsun.com](mailto:sales@szvolsun.com)

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