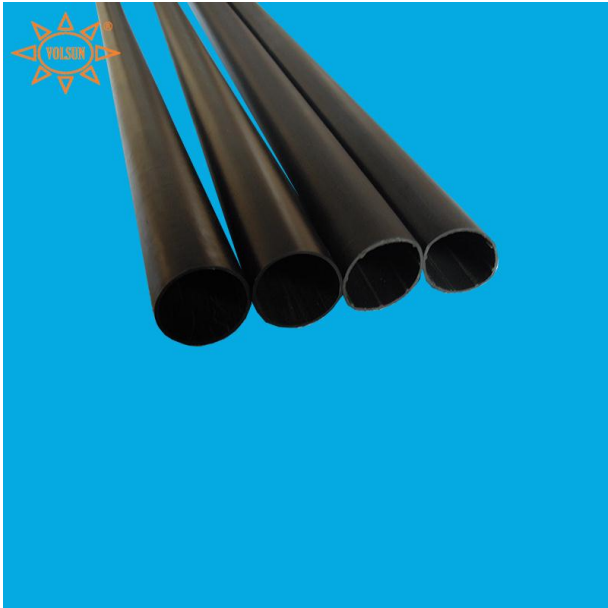




ZBDJ-125G (3.5X)

Flame Retardant Medium Wall Adhesive-lined Heat Shrink Tubing



Description

ZBDJ-125G (3.5X) Flame retardant adhesive-lined heat shrink tubing, with a hot melt adhesive layer extruded inside, is made of polyolefin materials whose properties are modified through ionizing radiation technology. The polyolefin outside, combined with inner layer of adhesive, produces excellent insulation, sealing capability against water and moisture, mechanical abrasion resistance, impact resistance. This product is specially designed to provide insulation protection for medium and low voltage cable middle connection, terminations and various busbars and for other corrosion resistant, moisture-proof and sealing purposes.

Features

- Shrink ratio:3.5:1
- Flame-retardant outer layer; environmentally friendly
- Shrink temperature:80°C ~120°C
- Continuous operating temperature:-55°C ~125°C
- RoHS compliant
- Standard colors: black



Technical Performance

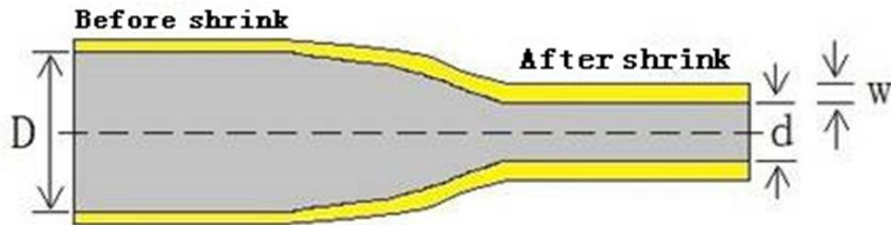
Properties	Typical Data	Test Method
Tensile strength	≥14MPa	ASTM D 2671
Elongation	≥400%	ASTM D 2671
Tensile strength after heat ageing	≥12MPa	158°C ×168h
Elongation after heat ageing	≥ 300%	158°C ×168h
Longitudinal change	0~-10%	ASTM D 2671
Flammability	Self-extinguish in 30 sec.	UL224
Dielectric strength	≥18kv/mm	IEC 60243
Volume resistivity	≥10 ¹⁴ Ω.cm	IEC 60093

Hot melt adhesive

Property	Typical data	Test method/condition
Softening point	95±5°C	ASTM E 28
Water absorption	<0.5%	ASTM D 570
Peel strength(PE)	≥120N/25mm	ASTM D 1000
Peel strength(AI)	≥80N/25mm	ASTM D 1000



Structure



Dimensions

Size(mm)	As supplied D(mm)	Recovered(mm)		Standard package (m/pc)
		Internal diameter 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
Φ25.0/6.0	≥25.0	≤6.00	≥2.2	1.00 ~ 1.50
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
Φ35.0/8.0	≥35.0	≤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
Φ105.0/30.0	≥105.0	≤30.0	≥3.0	1.00 ~ 1.50
Φ115.0/34.0	≥115.0	≤34.0	≥3.3	1.00 ~ 1.50
Φ130.0/36.0	≥130.0	≤36.0	≥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



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$\Phi 380.0/150.0$	≥ 380.0	≤ 150.0	≥ 4.3	1.00 ~ 1.50
$\Phi 410.0/150.0$	≥ 410.0	≤ 150.0	≥ 4.3	1.00 ~ 1.50

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