



ZBWJ-125G (3.5X)

Flame Retardant Medium Wall Heat Shrink Tubing (without adhesive)



Description

ZBWJ-125G (3.5X) Flame retardant medium wall heat shrink tubing is manufactured through modification of polyolefin materials using ionizing radiation technology with electronic accelerators. It carries excellent insulation, flame retardant and flexibility. It is ideal for insulating and protecting middle connections and terminals of medium & low voltage cable, busbars and other places where flame retardant is demanded and resisting corrosion and abrasion for pipelines.

Features

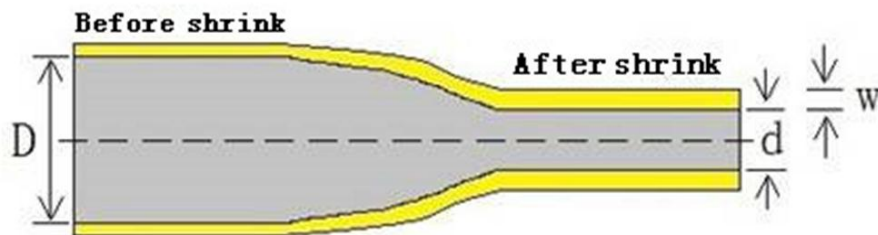
- Flame-retardant outer layer; Ultraviolet-proof
- Min shrink temperature: 80°C
- Min. full recovery temperature: 120 °C
- Continuous operating temperature: -55 °C ~125°C
- Shrink ratio: 3.5:1
- RoHS compliant
- Standard color: black. More colors are available upon request



Technical Performance

Properties	Typical Data	Test Method
Tensile strength	$\geq 14\text{MPa}$	ASTM D 2671
Elongation	$\geq 400\%$	ASTM D 2671
Tensile strength after heat ageing	$\geq 12\text{MPa}$	158°C ×168h
Elongation after heat ageing	$\geq 300\%$	158°C ×168h
Longitudinal change	0~-10%	ASTM D 2671
Flammability	Self-extinguishing in 30 sec.	UL224
Dielectric strength	$\geq 18\text{kv/mm}$	IEC 60243
Volume resistivity	$\geq 10^{14}\Omega\cdot\text{cm}$	IEC 60093

Structure





Dimensions (3.5:1)

Size(mm)	As supplied D(mm)	Recovered(mm)		Standard Package
		Internal diameter d	Wall thickness(mm) w	(m/pc)
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



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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
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