



HBWJ-110G (3.5X) NF

Semi Rigid Heavy Wall Heat Shrink Tubing (Without adhesive)



Description

HBWJ-110G (3.5X) NF Semirigid heavy wall heat shrink tubing is made of polyolefin materials whose properties are modified through special radiation process with electronic accelerators as the outer layer and hot melt adhesive as the inner layer. This product is specially designed to provide insulation and protection for high voltage cable middle connections, terminations and various busbars and for other corrosion resistant, moisture-proof and sealing purposes.

Features

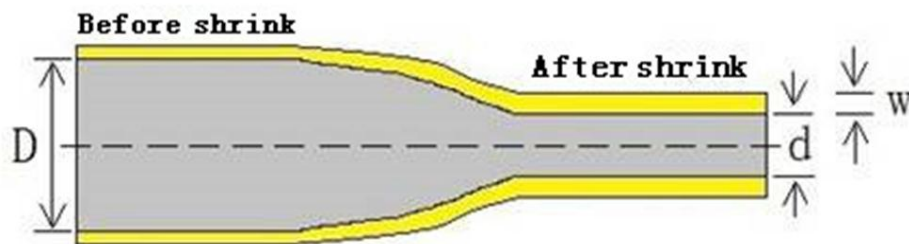
- Semirigid, non flame retardant, environment friendly
- Min. shrink temperature: 80°C
- Min full recovery temperature: 120°C
- Continuous operating temperature: -55°C~110°C
- Shrink ratio: 3.5:1
- RoHS compliant.
- Standard color: black. More colors are available upon request



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

Structure





Dimensions

Size(mm)	As supplied D(mm)	Recovered(mm)		Standard package
		Internal diameter d	Wall thickness w	(M/Pcs)
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
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



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$\Phi 200.0/60.0$	≥ 200.0	≤ 60.0	≥ 4.3	1.00 ~ 1.50
$\Phi 235.0/65.0$	≥ 235.0	≤ 65.0	≥ 4.5	1.00 ~ 1.50
$\Phi 265.0/75.0$	≥ 265.0	≤ 75.0	≥ 4.5	1.00 ~ 1.50
$\Phi 300.0/85.0$	≥ 300.0	≤ 85.0	≥ 4.5	1.00 ~ 1.50
$\Phi 350.0/100.0$	≥ 350.0	≤ 100.0	≥ 4.5	1.00 ~ 1.50

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