



DBRS-125G(2X)LS

Low Temperature Flame Retardant Heat Shrink Tubing



Description

Low temperature flame retardant heat shrink tubing is made of radiation cross-linked polyolefin, has excellent physicochemical and electrical properties. It can reliably insulate cable and wire splices and terminations, effectively protect soldered joint and provides good mechanical protection for wire harness in electronic, communications, automotive, shipping and aircraft manufacturing industries.

Features

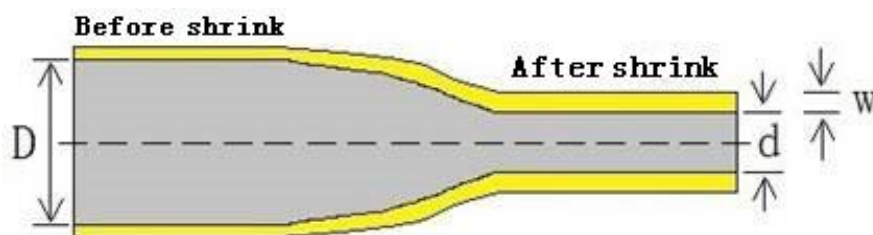
- Shrink ratio:2:1
- Flexible ,flame retardant, environmentally friendly, low temperature shrinkable
- Shrink temperature:65°C~95°C
- Continuous operating temperature:-55°C~125°C
- RoHS compliant
- Standard color: Black



Technical Performance

Properties	Typical data	Test Method
Tensile strength	≥12MPa	ASTM D 2671
Elongation	≥400%	ASTM D 2671
Tensile strength after heat aging	≥11MPa	158°C×168h
Elongation after heat aging	≥200%	158°C×168h
Longitudinal change	-5% ~ +5%	ASTM D 2671
Flammability	VW-1	ASTM D 2671 C
Voltage withstand(Rated voltage 600V)	2500V , 1min no breakdown	UL 224
Heat shock	No tracks , No drippings	UL 224 , 250°C×4h
Dielectric strength	≥20kV/mm	IEC 60243
Volume resistivity	≥10 ¹⁴ Ω.cm	ASTM D 2671

Structure





Dimensions (2:1)

Size(mm)	As supplied D(mm)	After full recovery(mm)		Standard package (M/spool)
		Inner diameter d	Wall thickness w	
φ1.6	≥1.6	≤0.80	≥0.50	200
φ2.4	≥2.4	≤1.20	≥0.50	200
φ3.2	≥3.2	≤1.60	≥0.50	200
φ4.8	≥4.8	≤2.40	≥0.50	100
φ6.4	≥6.4	≤3.20	≥0.60	100
φ8.0	≥8.0	≤4.00	≥0.60	100
φ9.5	≥9.5	≤4.80	≥0.60	100
φ12.7	≥12.7	≤6.40	≥0.60	50
φ16.0	≥16.0	≤8.00	≥0.60	50
φ19.1	≥19.1	≤9.50	≥0.80	50
φ25.4	≥25.4	≤12.7	≥0.90	50
φ31.8	≥31.8	≤15.9	≥0.90	50
φ38.1	≥38.1	≤19.1	≥1.00	50
φ50.8	≥50.8	≤25.4	≥1.10	50

Note: non standard dimensions and packages are also available on request.