

TECHNICAL DATA SHEET

RoHS
Compliant

CB19354-357

Flexible, Outer layer flame retardant, Dual Wall Heat Shrinkable
Tube 4:1

Characteristics

- Minimum Shrink Temperature: 60°C
- Full Recovery temperature: 105°C
- Continuous Operating Temperature: -45°C~125°C
- Shrink Ratio: 4:1
- RoHS compliant and resistant to UV
- Standard colour: black (other colours are available according to requirement)



Applications

SHW-1-SB(4X) GBK is made from flexible polyolefin and hot melt glue through high technology co-extrusion. The outer flexible polyolefin has low shrink temperature and the low shrink point glue so has the advantage for water proof and mechanical strain buffer performances. It is widely applied for automotive wiring harnesses water proof, gas leak and drain; Multi-strand and wire branch harness waterproof.

Technical Data-- Out Layer

Property	Test Method	Standard Value
Tensile Strength	ASTM D 2671	≥10.4MPa
Elongation	ASTM D 2671	≥300%
Tensile Strength after aging	UL 224 158°C×168hrs	≥7.3MPa
Elongation After aging	UL 224 158°C×168hrs	≥100%
Longitudinal Change	ASTM D 2671	-8%~+8%
Flammability	SAE-AMS-DTL-23053/5	30s self-extinguish
Dielectric Strength	IEC 60243	≥15kV/mm
Volume Resistivity	IEC 60093	≥10 ¹⁴ Ω·cm

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Adhesive Property

Test Item	Test Method	Typical Data
Water absorption ratio:	ASTM-D570	≤0.2%
Softening point	ASTM-D E28	85°C
Peel Strength (PE)	ASTM-D1000	120N/25m
Peel Strength (AL)	ASTM-D1000	80N/25m

Product Dimensions

Size		Expanded as supplied (mm)	Diameter After Full Recovery(mm)			Standard Package (m/pcs)
Inch	mm		Internal diameter	Total wall thickness	Adhesive Thickness	
5/32	4.0	≥4.0	≤0.95	1.20±0.20	0.50±0.20	1.22
1/4	6.0	≥6.0	≤1.27	1.30±0.20	0.56±0.20	1.22
5/16	8.0	≥8.0	≤1.65	1.65±0.20	0.76±0.20	1.22
2/5	10.0	≥10.0	≤2.00	1.85±0.20	0.95±0.20	1.22
1/2	12.0	≥12.0	≤2.41	2.00±0.20	1.02±0.20	1.22
3/4	18.0	≥18.0	≤4.45	2.50±0.20	1.37±0.20	1.22

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