SBRSM

Flame Retardant Medium Wall Adhesive Lined Heat Shrink Tubing

Medium wall adhesive-lined heat Shrink tubing suitable for a variety of low voltage electrical and mechanical application, where lighter weight and greater flexibility are important

RoHS

3:1

Features

- Seals and protects cable splices and terminations
- High resistance to impact and abrasion
- Thermoplastic adhesive liner for complete environmental protection and insulation
- Continuous operating temperature:-45℃-125℃
- Shrinking temperature: 125℃

Dimensions

Size	Expanded	After Recovery				Standard Package
mm	Internal Diameter mm	Internal Diameter mm	Jacket Thickness mm	Adhesive Thickness mm	Total Wall Thickness mm	M/pc
10.2/3.0	10.2	3.0	1.35 ± 0.20	0.50 ± 0.15	1.85 ± 0.25	1.22
16.0/5.0	16.0	5.0	1.40 ± 0.20	0.60 ± 0.15	2.00 ± 0.25	1.22
19.1/5.6	19.1	5.6	1.70 ± 0.20	0.70 ± 0.15	2.40 ± 0.25	1.22
25.0/8.0	25.0	8.0	2.00 ± 0.20	0.70 ± 0.15	2.70 ± 0.25	1.22
28.0/9.0	28.0	9.0	2.00 ± 0.20	0.80 ± 0.20	2.80 ± 0.25	1.22
35.0/10.2	35.0	10.2	2.00 ± 0.20	0.80 ± 0.20	2.80 ± 0.25	.1.22
38.1/12.0	38.1	12.0	2.00 ± 0.20	0.80 ± 0.20	2.80 ± 0.25	1.22
43.2/12.7	43.2	12.7	2.10 ± 0.25	0.80 ± 0.20	2.90 ± 0.25	1.22
52.1/16.0	55.0	19.0	2.10 ± 0.25	0.80 ± 0.20	2.90 ± 0.25	1.22
63.0/19.0	63.0	22.0	2.20 ± 0.25	0.80 ± 0.20	3.00 ± 0.25	1.22
75.0/22.0	75.0	25.0	2.90 ± 0.25	0.80 ± 0.20	3.70 ± 0.25	1.22
85.0/25.0	85.0	25.0	2.90 ± 0.25	0.80 ± 0.20	3.70 ± 0.30	1.22
95.0/29.0	95.0	29.0	3.10 ± 0.30	0.80 ± 0.20	3.90 ± 0.30	1.22
115.0/34.0	115.0	34.0	3.10 ± 0.30	0.80 ± 0.20	3.90 ± 0.30	1.22
140.0/42.0	140.0	42.0	3.30 ± 0.30	0.80 ± 0.20	4.10 ± 0.30	1.22
160.0/48.0	160.0	48.0	3.30 ± 0.30	0.80 ± 0.20	4.10 ± 0.30	1.22
180.0/58.0	180.0	58.0	3.30 ± 0.30	0.80 ± 0.20	4.10 ± 0.30	1.00
200.0/60.0	200.0	60.0	3.30 ± 0.30	0.80 ± 0.20	4.10 ± 0.30	1.00
230.0/69.0	230.0	69.0	3.30 ± 0.30	0.80 ± 0.20	4.10 ± 0.30	1.00

Note: Tubing without adhesive is available upon request

Technical Data

Property	Test Method	Stantard	Typical Performance
Tensile Strengtn(MPa)	ASTM D2671	≥10.4	11.5
Elongation(%)	ASTM D2671	≥300	450
Tensile Strengtn after aging (MPa)	UL224 158℃X168hr	≥7.3	8.5
Elongation after aging(%)	UL224 158℃X168hr	≥200	350
Dieletric strength(kv/mm)	IEC243	≥15	17.5
Volume resistivity(Ω.cm)	ASTM D876	≥1X10^{14}	2.5X10^{14}

Adhesive

Property	Test Method	Stantard
Water Absorption	ASTM D570	≤0.2%
Sofening Point(℃)	ASTM E28	90±5
Strength of pearing(PE)	ASTM D 1000	120N/25mm
Strength of pearing(AL)	ASTM D 1000	80N/25mm