



**Product Introduction:**

Medium Wall Heat Shrinkable Tube is manufactured by co-extrusion polyolefin and environment friendly hot-melt adhesive. Designed to provide both insulation and sealing for protected articles. Both adhesive-lined and without adhesive are available.

**Characteristics:**

1. Electrical and communication cable joint and termination
2. Pipe anti-corrosion
3. Protection and sealing for mechanical equipment.
4. Physical protection and moisture sealing of high voltage air insulated connectors and lugs, such as lug connections to bus bars
5. Operating Temperature: -45°C~125°C
6. Shrinking Temperature: 125°C
7. RoHS compliant.

Standard Color: Black (Other color available upon request.)

**Technical Date:**

Property	Test Method	Standard
Tensile Strength,	ASTMD 2671	≥ 14MPa
Elongation,	ASTMD 2671	≥ 400%
Density	ASTMD 792	1.20g/cm <sup>3</sup>
Longitudinal shrinkage	UL 224	± 10%
Elongation at break after aging	UI224 158°C X 168hrs	≥ 300%
Heat resistance	UI224 225°C X 4hrs.	No viscosity
Dielectric strength(kv/mm)	IEC 243	≥ 20KV/mm
Volume resistance	IEC 93	≥ 10 <sup>14</sup> Ω.cm
Water absorption	ASTM-D570	<0.15%

**Hot Melting Adhesive Property**

Property	Test Method	Standard
Water absorption	ASTM-D570	<0.2%
Intenerating point	ASTM-E8	95°C
Racking Strength(PE)	ASTM-D1000	120N/25m
Racking Strength(AL)	ASTM-D1000	80N/25m

**With adhesive Specification SBRSM**

Size (Mm)	I.D. Expanded (mm)	After Recovered				Standard length (m/pc)
		I.D.(mm)	Out layer W.T.(mm)	Adhesive Layer W.T.(mm)	Total W.T.(mm)	
10.2/3.0	≥ 10.2	≤ 3.0	1.4 ± 0.20	0.35 ± 0.1	1.75 ± 0.25	1.22
16/5.0	≥ 16	≤ 5.0	1.5 ± 0.20	0.40 ± 0.1	1.90 ± 0.25	1.22
19.1/5.6	≥ 19.1	≤ 5.6	2.0 ± 0.20	0.45 ± 0.1	2.45 ± 0.25	1.22
25/8	≥ 25	≤ 8	2.0 ± 0.20	0.45 ± 0.1	2.45 ± 0.25	1.22
28/6	≥ 28	≤ 6	2.5 ± 0.20	0.65 ± 0.1	3.10 ± 0.30	1.22
28/9	≥ 28	≤ 9	2.0 ± 0.20	0.50 ± 0.1	2.60 ± 0.25	1.22
35/10.2	≥ 35	≤ 10.2	2.2 ± 0.20	0.50 ± 0.1	2.70 ± 0.25	1.22
38.1/12	≥ 38.1	≤ 12	2.2 ± 0.20	0.50 ± 0.1	2.70 ± 0.25	1.22
43.2/12.7	≥ 43.2	≤ 12.7	2.2 ± 0.20	0.50 ± 0.1	2.70 ± 0.25	1.22
52.1/16	≥ 52.1	≤ 16	2.3 ± 0.25	0.50 ± 0.15	2.80 ± 0.30	1.22
63/19	≥ 63	≤ 19	2.5 ± 0.25	0.50 ± 0.15	3.00 ± 0.30	1.22
75/22	≥ 75	≤ 22	2.6 ± 0.25	0.50 ± 0.15	3.00 ± 0.30	1.22
85/25	≥ 85	≤ 25	2.8 ± 0.30	0.50 ± 0.15	3.30 ± 0.30	1.22
95/29	≥ 95	≤ 29	3.1 ± 0.30	0.60 ± 0.20	3.70 ± 0.35	1.22
115/34	≥ 115	≤ 34	3.1 ± 0.30	0.60 ± 0.20	3.70 ± 0.35	1.22
140/42	≥ 140	≤ 42	3.1 ± 0.30	0.60 ± 0.20	3.70 ± 0.35	1.22

**Without adhesive Specification RSFRM**

Size (Mm)	I.D. Expanded (mm)	After Recovered		Standard length (m/pc)
		I.D.(mm)	W.T.(mm)	
10.2/3.0	≥ 10.2	≤ 3.0	1.75 ± 0.25	1.22
16/5	≥ 16	≤ 5.0	1.90 ± 0.25	1.22
19.1/5.6	≥ 19.1	≤ 5.6	2.45 ± 0.25	1.22
25/8	≥ 25	≤ 8	2.45 ± 0.25	1.22
28/9	≥ 28	≤ 9	2.60 ± 0.25	1.22
35/10.2	≥ 35	≤ 10.2	2.70 ± 0.25	1.22
38.1/12	≥ 38.1	≤ 12	2.70 ± 0.25	1.22
43.2/12.7	≥ 43.2	≤ 12.7	2.70 ± 0.25	1.22
52.1/16	≥ 52.1	≤ 16	2.80 ± 0.30	1.22
63/19	≥ 63	≤ 19	3.00 ± 0.30	1.22
75/22	≥ 75	≤ 22	3.00 ± 0.30	1.22
85/25	≥ 85	≤ 25	3.30 ± 0.30	1.22
95/29	≥ 95	≤ 29	3.70 ± 0.35	1.22
115/34	≥ 115	≤ 34	3.70 ± 0.35	1.22
140/42	≥ 140	≤ 42	3.70 ± 0.35	1.22