FT- MWH Medium Wall Adhesive Lined Heat Shrink Tube

Features:

- Shrink ratio: 3:1
- Working temperature: -45℃~+125℃
- Shrink temperature: Start at 120°C
- High abrasion and corrosion resistance
- **UV resistance and water proof**

Application:

It is suitable for protecting a variety of low voltage electrical and mechanical application, where the greater insulation, UV resistance and moisture proof are required, eg: communication cable, auto and marine cables.

1. *Technical Data*

Property	Test Method	Standard
Tensile Strength	ASTM D2671	≥12 MPa
Elongation	ASTM D2671	≥300%
Density	ASTM D792	1.2 g/cm^3
Longitudinal change	UL 224	≤8%
Elongation after aging	UL224 158℃ 168hrs	≥100%
Heat shock	UL224 225℃ 4hrs	No cracking
Dielectric strength	IEC 60243	≥15 kV/mm
Volume resistivity	IEC 60093	≥1×10^{14}Ω・cm
Water absorption	ASTM-D570	≤0.5%

2. *Hot Melting Adhesive Property*

Property	Test Method	Standard
Water absorption	ASTM D570	≤0.5%
Softening point	ASTM E28	95±5℃
Peel strength(PE)	ASTM D1000	≥120N/25mm
Peel strength(AL)	ASTM D1000	≥80N/25mm

Remark:
1.Standard color: Black.
2. Cutting pieces are available upon requests.

3. *Dimensions*

Size	As Supplied(mm)	After Recovery (mm)				Standard Packing
mm	I.D.	I.D.	Out layer W.T.	Adhesive Layer W.T.	Total W.T.	(m/pc)
10.2/3.0	≥10.2	≤3.0	1.4±0.20	0.35±0.10	1.75±0.25	1.22
16/5.0	≥16	≤5.0	1.5±0.20	0.40±0.10	1.90±0.25	1.22
19.1/5.6	≥19.1	≤5.6	2.0±0.20	0.45±0.10	2.45±0.25	1.22
25/8	≥25	≤8	2.0±0.20	0.45±0.10	2.45±0.25	1.22
28/6	≥28	≤6	2.5±0.20	0.65±0.10	3.10±0.30	1.22
28/9	≥28	≤9	2.0±0.20	0.50±0.10	2.60±0.25	1.22
35/10.2	≥35	≤10.2	2.2±0.20	0.50±0.10	2.70±0.25	1.22
38.1/12	≥38.1	≤12	2.2±0.20	0.50±0.10	2.70±0.25	1.22
43.2/12.7	≥43.2	≤12.7	2.2±0.20	0.50±0.10	2.70±0.25	1.22
55/16	≥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