

FTU-M

Dual Wall

DUAL Wall Adhesive Lined Heat Shrink Tubing

Dual 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.

Features

- 3:1 shrink ratio
- Seal 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°C-125°C
- Fully shrink temperature: ≥125°C

3:1



Technical Data

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	≥ 10.4	13.78
Elongation(%)	ASTM D2671	≥ 200	460.62
Tensile Strength after aging (Mpa)	UI224 158°CX 168hr	≥ 7.3	11.34
Elongation after aging(%)	UI224 158°CX 168hr	≥ 100	398.28
Flammability	ASTM D2671B	Pass	Pass
Dielectric strength (kV/mm)	IEC 60243	≥ 15	17.36
Volume resistivity (Ω.cm)	IEC 60093	≥ 1X10 ¹⁴	2.24X10 ¹⁴

Adhesive

Property	Test Method	Standard
Water Absorption	ASTM D570	< 0.2%
Softening Point (°C)	ASTM E28	95±5
Strength of peeling (PE)	ASTM D 1000	120N/25mm
Strength of peeling (AL)	ASTM D 1000	80N/25mm



Dimensions

Size		Expanded	After Recovery			Standard Package
Inch	mm	Inner Dia. Min (mm)	Inner Dia. Max (mm)	Total Wall Thickness (mm)	Adhesive Thickness (mm)	Spool Length M/spool
3/32	2.4	2.4	0.8	0.80±0.30	0.40±0.20	200
1/8	3.2	3.2	1.0	0.90±0.30	0.40±0.20	200
3/16	4.8	4.8	1.6	1.05±0.30	0.40±0.20	100
1/4	6.4	6.4	2.2	1.25±0.30	0.45±0.20	100
5/16	7.9	7.9	2.7	1.35±0.30	0.50±0.20	100
3/8	9.5	9.5	3.2	1.45±0.30	0.50±0.20	50
1/2	12.7	12.7	4.2	1.65±0.30	0.50±0.20	1.22 or 25M/ROLL
5/8	15	15	5.2	1.80±0.30	0.55±0.30	1.22 or 25M/ROLL
3/4	19.1	19.1	6.3	1.95±0.30	0.60±0.30	1.22 or 25M/ROLL
1	25.4	25.4	8.5	2.00±0.40	0.60±0.30	1.22 or 25M/ROLL
1-1/4	30.0	30	10.2	2.15±0.40	0.65±0.30	1.22 or 25M/ROLL
1-1/2	39.0	39	13.5	2.45±0.40	0.60±0.30	1.22 or 25M/ROLL
2	50.0	50	17	2.75±0.40	0.75±0.30	1.22 or 25M/ROLL
5/2	64.0	64	21	3.05±0.40	0.80±0.30	1.22 or 25M/ROLL
3	75.0	75	25	3.05±0.40	1.05±0.40	1.22 or 25M/ROLL
7/2	90.0	90	30	3.10±0.50	1.05±0.40	1.22 or 25M/ROLL
4	100.0	100	34	3.10±0.50	1.05±0.40	1.22 or 25M/ROLL
5	125.0	125	42	3.10±0.50	1.10±0.40	1.22 or 25M/ROLL

(C/C) Colour Coded

0 Black	9 White	5 Green	6 Blue	3 Orange	2 Red
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HOW TO ORDER		Inner Dia. Min (mm)	Inner Dia. Max (mm)	Colour		Part Number
For example	FTU-M31	50	17	0	SP	FTU-M31-50/17-0-SP

