

PGDW

Dual Wall Adhesive-Lined Polyolefin Heat Shrink Tubing

Adhesive lined heat shrink tubing with environmental sealing capability for a wide variety of electrical applications, including automotive and marine wire harness, wire splices, breakouts, and connector-to-cable transitions.



Features

- 3:1 shrink ratio
- Super sealing against water, moisture or other contaminants
- Continuous operating temperature:-45°C-125°C
- Fully shrink temperature:≥125°C



Dimensions

Size		Expanded	After Recovery			Standard Package
Inch	mm	Inner Diameter Min(mm)	Inner Diameter 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

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°CX168hr	≥7.3	11.34
Elongation after aging(%)	UI224 158°CX168hr	≥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%
Sofening Point(°C)	ASTM E28	95±5
Strength of peeling(PE)	ASTM D 1000	120N/25mm
Strength of peeling(AL)	ASTM D 1000	80N/25mm