

Dual Wall Adhesive Lined Cross -linked Polyolefin tubing

Adhesive lined heat shrink tubing ideal for applications where both exceptional flame retardancy and environmental sealing capabilities are required

Features and Benefits

3:1&4:1 shrink ratio

Highly flame retardant

Superior sealing against water, moisture or other contaminants

High shrink ratio allows for coverage of irregularly shaped connectors and components

Continuous operating temperature: -45°C-135°C

Shrink Temperature: min. 125°C

Meets MIL-DTL-23053/4

UL E361238

Dimensions 3:1 (3X)

Size		Expanded	After Recovery			Standard Package	
Inch	mm	Internal Diameter mm (min)	Internal Diameter mm (max)	Total Wall Thickness mm (nom)	Adhesive Thickness Mm (nom)	Length/m Spool Stick	
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	2,0	1,25±0,30	0,45±0,20	100	-
5/16	7,9	7,9	2,7	1,35±0,30	0,45±0,20	100	-
3/8	9,5	9,5	3,0	1,45±0,30	0,50±0,20	50	-
1/2	12,7	12,7	4,0	1,65±0,30	0,50±0,20	25	1,22
5/8	16,0	16,0	5,0	1,80±0,30	0,55±0,30	25	1,22
3/4	19,1	19,1	6,0	1,95±0,30	0,60±0,30	25	1,22
1	25,4	25,4	8,0	2,00±0,40	0,60±0,30	25	1,22
1-1/4	31,8	31,8	10,0	2,15±0,40	0,65±0,30	25	1,22
1-1/2	38,1	38,1	13,0	2,45±0,40	0,75±0,30	25	1,22
2	50,8	50,8	17,0	2,75±0,40	0,80±0,30	25	1,22
2-1/2	64,0	64,0	21	3.00±0.30	0.70±0.15	-	1,22
3	75,0	75,0	25	3.00±0.30	1.00±0.20	-	1,22
3-1/2	90,0	90,0	30,0	3.00±0.30	1.00±0.20	-	1,22
4	101,6	101,6	33,8	3.00±0.30	1.00±0.20	-	1,22
5	125,0	125,0	41,6	3.00±0.30	1.00±0.20	-	1,22

Dimensions 4:1 (4X)


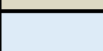
Size		Expanded	After Recovery			Standard Package Length/m Spool Stick	
Inch	mm	Internal Diameter mm (min)	Internal Diameter mm (max)	Total Wall Thickness mm (nom)	Adhesive Thickness Mm (nom)		
5/32	4,0	4,0	1,0	1,05±0,30	0,50±0,20	100	-
1/4	6,0	6,0	1,5	1,15±0,30	0,50±0,20	100	-
5/16	8,0	8,0	2,0	1,55±0,30	0,60±0,25	50	-
1/2	12,0	12,0	3,0	1,75±0,30	0,60±0,25	25	1,22
5/8	16,0	16,0	4,0	2,00±0,35	0,70±0,30	25	1,22
25/32	20,0	20,0	5,0	2,30±0,40	0,70±0,30	25	1,22
1	24,0	24,0	6,0	2,60±0,40	0,75±0,30	25	1,22
1-1/4	32,0	32,0	8,0	3,00±0,50	0,90±0,30	25	1,22
2	52,0	52,0	13,0	3,35±0,50	0,95±0,30	25	1,22

Technical Data

Property	Test method	Standard Performance
Tensile strength(MPa)	ASTM D 2671	≥10,4
Elongation (%)	ASTM D 2671	≥200
Tensile strength after aging (MPa)	MIL-DTL-23053/4	≥7,3
Elongation after aging (%)	MIL-DTL-23053/4	≥100
Dielectric strength(kV/mm)	IEC 60243	≥15
Volume resistivity (Ω.cm)	IEC 60093	≥10 ¹⁴

Adhesive

Property	Test method	Standard
Water Absorption	ASTM D 570	≤0,2%
Softening Point (°C)	ASTM E 28	90±5°C
Strength of peeling (PE)	ASTMD 1000	120N/25mm
Strength of peeling (2AL)	ASTMD 1000	80N/25mm

Standard Colours	
black	transparent
	

*transparent not flame retardant