

## Dual Wall Adhesive-Lined Heat-Shrink Polyolefin Tubing

G-3X-M

Shrink ratio 3:1



### Features

1. Longitudinal shrink ratio:  $\leq +8\%$
2. Out jacket flame retardant, inner adhesive self-extinguished
3. Super sealing against water, moisture or other contaminants
4. Continuous operating temperature:  $-55^{\circ}\text{C} \sim 135^{\circ}\text{C}$
5. Shrink temperature:  $120^{\circ}\text{C}$
6. RoHS, UL Compliant, VW-1, 600V
7. Meet: SAE-AMS-DTL-23053/4

### Technical Data:

Test Item	Test Method	Test Result
Tensile Strength(Mpa)	ASTM D2671	$\geq 10.4$
Elongation%	ASTM D2671	$\geq 300$
Tensile Strength after Aging (Mpa)	UL 224 158x168hr	$\geq 7.3$
Elongation after Aging%	UL 224 158 $^{\circ}\text{C}$ x168hr	$\geq 200$
Dielectric Strength	IEC 243	$\geq 15$
Volume Resistance( $\Omega$ .cm)	ASTM D876	$\geq 10^{14}\Omega$ .cm

### Hot Melting Adhesive Property

Test Item	Test Method	Test Result
Water absorption ratio:	ASTM-D570	$< 0.2\%$
Softing point	ASTM-E8	$95^{\circ}\text{C}$
Strength of pearing(PE)	ASTM-D1000	120N/25m
Strength of pearing(AL)	ASTM-D1000	80N/25m

## Dimensions

Size		As supplied	After recovery (mm)			Standard Package
Inch	mm	Internal Diameter (mm)	Internal Diameter	Total Wall Thickness	Wall Thickness of Adhesive	m/spool
1/8.	3.2	3.2	1	0.90±0.15	0.35±0.10	200
3/16	4.8	4.8	1.6	1.00±0.15	0.40±0.10	100
1/4	6.4	6.4	2.2	1.25±0.15	0.45±0.12	100
5/16	7.9	7.9	2.7	1.30±0.15	0.50±0.12	100
3/8	9.5	9.5	3.2	1.40±0.15	0.50±0.12	50
1/2	12.7	12.7	4.2	1.70±0.15	0.50±0.12	36.6
5/8	15	15	5.2	1.80±0.15	0.55±0.15	30.5
3/4	19.1	19.1	6.3	1.95±0.15	0.55±0.15	30.5
1	25.4	25.4	8.5	2.05±0.20	0.55±0.15	30.5
1- 1/4	30	30	10.2	2.20±0.20	0.60±0.15	24.4
1- 1/2	39	39	13.5	2.50±0.20	0.60±0.15	18.3
2	50	50	17	2.80±0.25	0.70±0.15	12.2
5/2	64	64	21	3.00±0.25	0.70±0.15	6.1
3	75	75	25	3.00±0.30	1.00±0.20	1.22
7/2	90	90	30	3.00±0.30	1.00±0.20	1.22
4	100	100	34	3.00±0.30	1.00±0.20	1.22
5	125	125	42	3.00±0.30	1.00±0.20	1.22

**Standard Color:** Black

Red, Green, Yellow, Green, Clear, Blue, White color can be produced based on MOQ

**Standard Packing:**

Spool packing or 1.22m/Pcs, short cutting tubes are available based on requirement