

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

### G-2X

Shrink ratio 2:1



### 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:  $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$
5. Shrink temperature:  $120^{\circ}\text{C}$
6. RoHS, UL compliant

### 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( $\Omega\cdot\text{cm}$ )	ASTM D876	$\geq 10^{14}$

### 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

**Dimension**

Size		As supplied	After recovery			Standard Package
Inch	mm	Internal Diameter (mm)	Internal Diameter (mm)	Total Wall Thickness(m m)	Adhesive thickness (mm)	Spool Length m/spool
1/16	1.6	1.6	0.8	0.60±0.15	0.3±0.1	200
3/32	2.4	2.4	1.2	0.70±0.15	0.35±0.1	200
1/8	3.2	3.2	1.6	0.70±0.15	0.35±0.1	200
3/16	4.8	4.8	2.4	0.80±0.15	0.4±0.1	100
1/4	6.4	6.4	3.2	0.80±0.15	0.4±0.1	100
5/16	7.9	7.9	3.9	0.90±0.15	0.45±0.1	100
3/8	9.5	9.5	4.8	0.90±0.15	0.45±0.1	1.22
1/2	12.7	12.7	6.4	0.95±0.20	0.45±0.1	1.22
5/8	15.9	15.9	7.9	0.95±0.20	0.45±0.1	1.22
3/4	19.1	19.1	9.5	1.0±0.20	0.45±0.1	1.22
1	25.4	25.4	12.7	1.1±0.20	0.50±0.1	1.22
1 1/4	31.8	31.8	15	1.15±0.20	0.50±0.1	1.22
1 1/2	38.1	38.1	19	1.25±0.20	0.50±0.1	1.22
1 3/4	44.5	44.5	22	1.35±0.20	0.55±0.1	1.22
2	50.8	50.8	25.4	1.5±0.25	0.60±0.1	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