

PET Zero Halogen Heat Shrink Lay Flat Tubing / Film



Features & Benefits

- Operating temperature range -40°C to +125°C
- Layflat width size range from 5.5mm to 105mm
- Zero Halogen Tubing

Standard Colours & Colour Codes

Black - 0

Applications

PET Zero halogen heat shrink film is a flexible, halogen-free, environmentally friendly tubing that provides protection up to 125°C.

Made from polymer material, PET conforms to the requirements of environmental protection. The product is free of heavy metals such as Pb, Hg, Cd and so on. Also free of halogen.

PET heat shrinkable tubing is widely used in electronic components such as aluminium electrolytic capacitors, batteries and also used as a packing application in the fields of chemicals, machinery, foods, agriculture, light textile, bottle capping and so on.

Characteristics of PET Zero Halogen Heat Shrink: Excellent resistance to weathering, heating and cracking between temperatures -40°C to 125°C. PET heat shrink tube is insulating, moisture proof and most importantly environmentally friendly.



Appearance	Without feculence
Bend (280mm)	At or above size 8.0mm<3.0mm
	At or under size 10.00mm<3.5mm
Density	1.2kg/L~1.5Kg/L
Tensile Strength	5.0 x 10 ³ N/m ² ~ 10.0 x 10 ³ N/m ²
Ultimate elongation rate	50% ~ 350%

Absorption (water)	<2.0%
Dielectric strength	>10kV/mm
Resistance	>1.0
Volume resistance	>1.0 x 10cm
Operating Temperature range	-40°C ~ 125°C

Size	Width (mm)	Thickness (x0.01mm)	Shrink ratio (%)	Longitudinal ratio (%)	Longitudinal ratio 180 ± 2°C x 15min (%)
3	5.50 ± 0.20	8.00 ± 2.00	48 ± 4	8 ± 3	12 ± 3
4	7.10 ± 0.20	8.00 ± 2.00	48 ± 4	8 ± 3	13 ± 3
5	9.10 ± 0.20	8.00 ± 2.00	48 ± 4	8 ± 3	14 ± 3
6	10.60 ± 0.20	8.00 ± 2.00	48 ± 4	8 ± 3	15 ± 3
6.3	11.00 ± 0.20	8.00 ± 2.00	48 ± 4	8 ± 3	16 ± 3
8	14.00 ± 0.20	8.00 ± 2.00	48 ± 4	8 ± 3	17 ± 3
10	17.00 ± 0.20	8.00 ± 2.00	48 ± 4	8 ± 3	18 ± 3
12	20.40 ± 0.30	10.00 ± 2.00	48 ± 4	9 ± 3	19 ± 3
12.5	21.50 ± 0.30	10.00 ± 2.00	48 ± 4	10 ± 3	20 ± 3
13	22.00 ± 0.30	10.00 ± 2.00	48 ± 4	11 ± 3	21 ± 3
13.5	22.60 ± 0.30	10.00 ± 2.00	48 ± 4	12 ± 3	22 ± 3
14.5	25.00 ± 0.30	10.00 ± 2.00	48 ± 4	13 ± 3	23 ± 3
16	27.10 ± 0.30	11.00 ± 2.00	48 ± 4	14 ± 3	24 ± 3
18	30.20 ± 0.30	11.00 ± 2.00	48 ± 4	15 ± 3	25 ± 3
22	36.30 ± 0.30	11.00 ± 3.00	48 ± 4	16 ± 3	26 ± 3
25	41.30 ± 0.50	12.00 ± 3.00	48 ± 4	17 ± 3	27 ± 3
30	49.00 ± 0.50	12.00 ± 3.00	48 ± 4	18 ± 3	28 ± 3
35	56.60 ± 0.50	12.00 ± 3.00	48 ± 4	19 ± 3	29 ± 3
40	65.00 ± 1.00	12.00 ± 3.00	48 ± 5	20 ± 3	30 ± 3
42	68.50 ± 1.00	12.00 ± 3.00	48 ± 5	21 ± 3	31 ± 3
45	72.00 ± 1.00	12.00 ± 3.00	48 ± 5	22 ± 3	32 ± 3
48	77.60 ± 1.00	12.00 ± 3.00	48 ± 5	23 ± 3	33 ± 3
50	84.00 ± 1.00	12.00 ± 3.00	48 ± 5	24 ± 3	34 ± 3
52	88.60 ± 1.00	12.00 ± 3.00	48 ± 5	25 ± 3	35 ± 3
60	96.00 ± 1.00	12.00 ± 3.00	48 ± 5	26 ± 3	36 ± 3
63.5	105.00 ± 1.00	12.00 ± 3.00	48 ± 5	27 ± 3	37 ± 3