

Printashrink Eco (FLAT)

Printashrink Eco (FLAT) is a flattened continuous 2:1 shrink ratio heatshrink polyolefin offering good print performance and mark permanence. It is zero halogen, has a working temperature of 105°C and is available in black, white and yellow up to 50.8mm ID as standard. It can be [cut](#) and [printed](#) as required.

This zero halogen, high quality, cost effective commercial grade of heatshrink sleeve has been flattened ready for printing and is compatible with most printers. It is a low cost solution ideal for identification and marking on many and varied commercial and industrial applications, and is ideal where a low shrink temperature is an important factor. We offer our full range of printing and cutting services on this high strength, resilient tube making it perfect for branding and marking requirements.



Technical Data

- **Shrink Ratio:** 2:1
- **Shrink Temperature** >90°C
- **Operating Temperature** -30°C – +105°C
- **Flame Retardant:** Yes
- **Colours:** Black, white, yellow, (others to order)
- **Sizes:** 2.4mm ? 50.8mm
- **Packing:** Reels, mini-packs, cut to length, kits, cut sleeves
- **Print:** Yes, full range of text and logos
- **Approvals:** ASTM D 638, 2671, 570, 792, 257, AMS-DTL-744, 23053/5, FMVSS302, RoHS Compliant
- **Applications / Industries:** General, Commercial, Electrical, Electronics, Industrial

Properties	Typical Values	Test Methods
General		
Operating Temperature	-30°C – +105°C	
Minimum shrink temperature	>90°C	
Shrink Ratio	2:1	
Physical		
Tensile Strength	10N/mm ²	ASTM D 638
Ultimate elongation	200%	ASTM D 638
Specific gravity	1.4g/cm ³	ASTM D 792
Longitudinal change	?+5% ?-5%	ASTM D 2671
Water absorption	?+0.15%	ASTM D 570
Thermal		
Flammability	Pass	FMVSS302
Heat shock (4hrs)	No dripping, cracking or flowing	
Low temperature flexibility (4hrs @ -55°C)	No cracking	ASTM D 2671C
Heat ageing (168hrs)	at 150°C, elongation 250%	ASTM D 638
Electrical		
Dielectric strength	20kV/mm ²	ASTM D 2671
Volume resistivity	10 ¹¹ ??cm	ASTM D 257
Chemical		
Chemical resistance	Good	AMS-DTL-23053/5
Copper corrosion	No corrosion	ASTM D 2671B
Fungus resistance	No growth	AMS-DTL-7444

Size (mm)	Supplied diameter (mm)	Shrunk diameter (mm)	Nominal wall thickness (mm)
2.4	2.4	1.2	0.51
3.2	3.2	1.6	0.51
4.8	4.8	2.4	0.51
6.4	6.4	3.2	0.65
9.5	9.5	4.8	0.65
12.7	12.7	6.4	0.65
19.1	19.1	9.5	0.77
25.4	25.4	12.7	0.89
38.1	38.1	19.1	1.00
50.8	50.8	25.4	1.10

Printasleeve Ltd is as diligent as possible in compiling and updating the above information. It reflects averages derived from product sample testing, is subject to normal manufacturing and testing tolerances and may be changed without notice. Furthermore aesthetic and textural style differences can result in local variation. For specific or further information concerning our products, their specifications and their utilisation please contact us. E & OE

