



PRINTASHRINK H/S PVC

TECHNICAL DATA

Printashrink H/S PVC is a flexible, low cost, heatshrinkable PVC which is self-extinguishing and 30% stronger than standard heatshrink polyolefin. It retains some flexibility after shrinking and resists most chemicals and oils. It can be **cut** and **printed** as required.

This soft and flexible low cost heatshrink PVC is used for electrical insulation, protection against abrasion and noise reduction in the manufacture and repair of many different applications including busbars, rope/ cable ferrules, tool handles, conveyor rollers and sports equipment. It is available in diameters from 1.6mm up to 102 mm ID, with 600V rated UL approval. We offer a range of printing and cutting services on material.

- **SHRINK RATIO**
2:1
- **SHRINK TEMPERATURE**
100°C
- **OPERATING TEMPERATURE**
-30°C – +105°C
- **FLAME RETARDANT:**
Yes (except clear)
- **COLOURS**
Black, Red, Yellow, White, Blue, Green, Clear
- **SIZES**
2.4mm – 102mm
- **PACKING**
Reels, cut to length, cut sleeves
- **APPROVALS**
RoHS compliant
- **PRINT**
Yes, full range of text and logos
- **APPLICATIONS/ INDUSTRIES**
General, Commercial, Electrical, Electronics, Industrial

Properties	Typical Values	Test Methods
GENERAL		
Operating Temperature	-30°C – +105°C	
Shrink temperature	100°C	
Shrink Ratio	2:1	
PHYSICAL		
Tensile Strength	23MPa	ISO 37
Ultimate elongation	300%	ISO 37
Specific gravity	1.38g/cm ³	ISO 1183
Longitudinal change	+5% – -20%	ASTM D2671
Water absorption	0.5%	ASTM D 570

THERMAL		
Flammability	<100mm/min	ASTM D 2671
Heat shock (4hrs)	at 180°C, no dripping or flowing	ASTM D 2671
Low temperature flexibility (4hrs @ -55°C)	1hr at -10°C, no cracking	ASTM D 2671
Heat ageing (168hrs)	at 136°C, 250%	ISO 37
ELECTRICAL		
Dielectric strength	20kV/mm min	ICE 243
CHEMICAL		
Fluid resistance	Gasoline, hydraulic fluid, lubricating oil, good	ISO 37, MIL-1-23053
Oxygen Index	Completely non-toxic	

Size (mm)	Supplied diameter (mm)	Shrunk diameter (mm)	Nominal wall thickness (mm)
2.4	2.4	1.3	0.51
3.2	3.2	1.7	0.51
4.8	4.8	2.5	0.51
6.4	6.4	3.2	0.64
9.5	9.5	4.8	0.64
12.7	12.7	6.4	0.64
16	16	8	0.64
19	19	9.5	0.83
25.4	25.4	12.7	0.89
32	32	16	0.89
38.1	38.1	19	1.02
51	51	25.5	1.14
76.2	76.2	38.1	1.27
102	102	51	1.4

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.