



# Printable heatshrink sleeving and markers

Print ready markers and heatshrink sleeving have undergone a number of highly specific flattening and cleansing processes to ensure optimum printing. They are available in a number of grades meeting different industry specific standards including MIL-SPEC, fire safety, RoHS and REACH, UL and CSA regulations, and are offered in a wide range of colours and sizes as continuous sleeving or as labels on organised, ladder-style carriers.

In addition to being manufactured from compounds chemically composed to ensure the optimum surface tension for print permanence, print ready markers and heatshrink have been flattened and, in the majority of cases, cleansed with specific substances to enable high performing print capabilities. Each of the below listed grades are used at Printasleeve's own print facility allowing us to recommend the best fit for your requirements and supplement in-house printing if and when required. A first-class, fast, reliable service is guaranteed and many sizes and colours are ex-stock, for next day delivery.

## FLATTENED, PRINTABLE SLEEVING ON REELS

### PRINTASHRINK ECO (FLAT)

Flattened 2:1 shrink ratio heatshrink polyolefin with good print performance. 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.

### PRINTASHRINK CPF/FR (FLAT) & CPF/FR3 (FLAT)

Flattened 2:1 & 3:1 shrink ratio, UL approved, commercial grade heatshrink polyolefin ideal for printers. It is UL approved, has a working temperature of 135°C and is fire retardant. It is available in a number of colours and sizes up to 50.8mm ID

### PRINTASHRINK SPF (FLAT) & SPF3 (FLAT)

Flattened 2:1 & 3:1 shrink ratio, MIL-SPEC and UL approved heatshrink polyolefin with a working temperature of 135°C. It is ideal for identification in aerospace, military and defence applications. It is fire retardant and available in several colours and sizes up to 50.8mm ID

### PRINTASHRINK LSZH (FLAT)

Flattened 2:1 shrink ratio, zero halogen, flame retardant, low smoke and toxicity heatshrink polyolefin. It is ideal for identification in fire safety, marine, mass transit and off-shore applications. It is available in several colours and sizes up to 50.8mm.

## LADDER FORMAT MARKERS

### PRINTASHRINK CPF/FR-L & CPF/FR3-L

Flattened 2:1 & 3:1 shrink ratio heatshrink polyolefin organised on ladder-style carriers. It is supplied in the form of printable labels. The tubing is UL approved, fire retardant, has a working temperature of 135°C and is available in a range of colours and sizes up to 50.8mm ID

### PRINTASHRINK SPF/FR-L & SPF3-L

Flattened 135°C, MIL-SPEC and UL approved, 2:1 & 3:1 shrink ratio heatshrink polyolefin in the form of printable labels organised on ladder-style carriers. They are fire retardant and available in a range of colours and sizes up to 50.8mm ID

### PRINTASHRINK LSZH-L

Flattened 2:1 shrink ratio, zero halogen, flame retardant, low smoke and toxicity heatshrink polyolefin in the form of printable labels. It is ideal for identification in fire safety, marine, mass transit and off-shore applications. It is available in several colours and sizes up to 50.8mm

## OTHER MARKERS AND LABELS

### RAISED PANEL PLATES

Foam-backed polyester labels with permanent, adhesive which are designed to replace engraved plates for the identification of instrument panels, control panels, electrical cabinets, racks and any other property. Supplied in rolls, they are available in white, silver and many other colours and dimensions on request

### WRAPAROUND LABELS

Also known as cable wraps, cable labels or cable markers, Wraparound labels are perfect for the easy identification of cables and wires. They are available in customised sizes and colours to suit virtually any cable or bundle diameter

### TIE-ON CABLE LABELS

Made of thermoplastic polyether polyurethane (PUR or PU), they are halogen free, flame retardant (raw material fulfils UL94-VO), water and micro-organism resistant. They are designed to be fixed to the cable or wire using cable ties, and are available in many colours as standard



## Key Information

Recommend Use	Approvals	Grade	Variants
Commercial and Industrial applications	ASTM D 638, 2671, 570, 792, 257, AMS-DTL-744, 23053/5, FMVSS302, RoHS Compliant	Printashrink Eco (FLAT)  (-30°C- +105°C, 2:1 shrink ratio, black, yellow or white as standard)	<a href="#">2:1 continuous sleeving</a>
Commercial and Industrial applications (UL Approved)	SAE AS81531:1531:1998 4.6.2, MIL-STD-202F 215J, UL224, CSA certified, RoHS compliant	Printashrink CPF/FR (FLAT)  (-55°C – +135°C, 2:1 or 3:1 shrink ratio, black, yellow and white as standard)	<a href="#">2:1 continuous sleeving</a>
			<a href="#">3:1 continuous sleeving</a>
			<a href="#">2:1 Ladder-style, organised markers</a>
			<a href="#">3:1 Ladder-style, organised markers</a>
Aerospace, military and defence applications	SAE-AMS-DTL-23053/5 class 1&3, SAE AS81531:1531:1998 4.6.2, MIL-STD-202F 215J, UL224 125? 600V VW-1, CSA certified, RoHS compliant	Printashrink SPF  (-40°C – +135°C, 2:1 or 3:1 shrink ratio, yellow and white as standard)	<a href="#">2:1 continuous sleeving</a>
			<a href="#">3:1 continuous sleeving</a>
			<a href="#">2:1 ladder-style organised markers</a>
			<a href="#">3:1 ladder-style organised markers</a>
Fire safety, marine, mass transit and off-shore applications	BS 6853, NF-16 101, CEN TS 45545-2, DIN 5510-2, UNI CEI 11170 cl LR4, NFPA130 (ASTM E 162, ASTM E 662), RoHS compliant	Printashrink LSZH  (-30°C – +105°C, 2:1 shrink ratio, low smoke and toxicity, 8 different colours as standard)	<a href="#">2:1 continuous sleeving</a>
			<a href="#">2:1 ladder-style organised markers</a>

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

