

Printashrink PF/A1 MW

Printashrink PF/A1 MW is a medium walled heatshrink polyolefin with an integral thermoplastic adhesive liner. With a 3:1 shrink ratio, it has all the advantages of the standard PF/A1 3-1, but provides a greater resistance to abrasion and chemicals. It is available in black as standard in sizes up to 200mm ID and can be [cut](#) and [printed](#) as required.

This glue lined, 110°C, medium walled tube consists of a heatshrink polyolefin tube with a thermally activated inner adhesive liner. The inner liner melts and flows to encapsulate connectors and components providing moisture-resistant, environmental protection, strain relief and insulative properties perfect for low voltage electrical and mechanical applications where a degree of flexibility is important. It is available in 1.2 metre lengths and with or without adhesive lining. We offer our full cutting and limited printing service on this specialist sleeve.



Technical Data

- **Shrink Ratio:** 3:1
- **Shrink Temperature** 120°C
- **Operating Temperature** -55°C – +110°C
- **Colours:** Black
- **Sizes:** 8/2mm ? 200/60mm
- **Packing:** 1.2 metre lengths, cut to length, cut sleeves
- **Print:** Yes subject to testing
- **Approvals:** RoHS Compliant
- **Applications / Industries:** General, Commercial, Electrical, Electronics, Industrial, Mechanical, Automotive, Marine

Properties	Typical Values	Test Methods
General		
Operating Temperature	-55°C – +110°C (jacket)	
Shrink temperature	120°C	
Shrink Ratio	3:1 (min)	
Physical		
Tensile Strength	14MPa	ASTM D 638
Ultimate elongation	>400%	ASTM D 638
Longitudinal change	+0% to -10%	UL 224
Water absorption	<0.15%	ISO 62
Electrical		
Dielectric strength	>20kV/mm	IEC 243
Volume resistivity	10 ¹² Ωcm	IEC 93
Chemical		
Copper stability	Pass	ASTM-D 2671

Size (mm)	Supplied diameter (mm)	Shrunk diameter (mm)	Nominal wall thickness (mm)
8/2	8.0	2.0	1.70
12/3	12.0	3.0	2.00
16/5	16.0	5.0	2.20
22/6	22.0	6.0	2.50
28/6	28.0	6.0	2.50
33/8	33.0	8.0	2.50
40/12	40.0	12.0	2.50
45/13	45.0	13.0	2.70
55/16	55.0	16.0	2.80
65/19	65.0	19.0	3.00
75/22	75.0	22.0	3.00
85/25	85.0	25.0	3.00
95/25	95.0	25.0	3.00
115/34	115.0	34.0	3.00
140/42	140.0	42.0	3.00
16/50	160.0	50.0	3.00
175/55	175.0	55.0	3.00
200/60	200.0	60.0	3.00

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

