

Endcaps/Moulded shapes

Printashrink *endcaps*, *breakout boots* and *moulded shapes* are made from heatshrinkable materials and are available with or without adhesive lining. They are used for mechanical protection, strain relief and to provide a watertight seal. They are available in many configurations so please contact us for full details.

Endcaps are widely used to seal power and telecommunication cables, pipes, conduits and other cylindrical objects against moisture ingress, provide environmental and mechanical protection and prevent corrosion. They have an adhesive lining that melts and flows to provide a tight fit when heat is applied, and are often used in underwater, underground and outdoor applications.

Many other heatshrinkable moulded parts are also available with or without adhesive lining. These can be supplied in various materials (semi-rigid modified polyolefin, modified fluoroelastomer, fluid resistant elastomer), low fire hazard material will meet the requirements for most military, marine, mass transit and commercial applications



Technical Data

- **Shrink Temperature** 120°C
- **Operating Temperature** -55°C – + 110°C
- **Colours:** Black
- **Sizes:** 10/3 x 35mm ? 145/57 x 155mm
- **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	
Physical		
Tensile Strength	12Mpa min	ASTM D 638
Ultimate elongation	300% min	ASTM D 638
Water absorption	1% max	ISO 62
Hardness	45 Shore D min	ASTM D 2240
Thermal		
Heat ageing (168hrs)	at 120°C, tensile 10MPa min, elongation 250% min	
Electrical		
Dielectric strength	12kV/mm	IEC 273
Volume resistivity	10 ¹² Ωcm min	IEC 93

Size (mm)	Supplied diameter (mm)	Shrunk diameter (mm)	Nominal wall thickness (mm)
10/3 x 35	10.0	3.0	2.30
15/4.5 x 45	15.0	4.5	2.30
20/6 x 63	20.0	6.0	3.10
25/8.5 x 70	25.0	8.5	3.00
40/14.5 x 102	40.0	14.5	3.20
63/24 x 118	63.0	24.0	3.70
75/32 x 133	75.0	32.0	4.30
78/38 x 130	78.0	38.0	4.00
100/57 x 155	100.0	57.0	4.50
106/45 x 164	106.0	45.0	4.00
120/57 x 155	120.0	57.0	4.00
145/57 x 155	145.0	57.0	5.00

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