

Data Sheet

AOS Flexible medium wall heat shrink tubing



Applications

AOS is made of elastomeric polyolefin. The inside is coated with a thick layer of hot melt adhesive which can provide a watertight seal for outdoor cable splices. The 4:1 shrink ratio and translucent tubing are particularly suitable for the connection protection of copper tube terminals.

Characteristics

Shrink ratio: 4:1

Excellent waterproof performance

Very flexible, UV resistant

Compliance with RoHS and REACH environmental regulations

Operating Temperature Range

Continuous operating temperature: -55°C~110°C

Minimum shrink temperature: 80°C

Full recovery temperature: Above 120°C

Product Dimensions

	As supplied (mm)	After recovered (mm)		Standard Length
BN	I.D. (min)	I.D. (max)	W.T. (min)	Meter
1567331	6.0	1.5	1.8	1.22
1567332	8.0	2.0	1.8	1.22
1567333	12.0	3.0	2.3	1.22
1571493	20.0	5.0	2.5	1.22

Technical Data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength	≥10.3MPa	ASTM D2671	≥21MPa
Elongation at break	≥200%	ASTM D2671	≥550%
Tensile strength after aging	70% of initial value	ASTM D2671 (150°C/168 hrs)	≥70%
Elongation at break after aging	≥100%	ASTM D2671 (150°C/168 hrs)	≥524%
Dielectric voltage withstands	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	≥10 ¹³ Ω·cm	ASTM D2671	≥10 ¹³ Ω·cm
Copper corrosion	No corrosion	ASTM D2671 (150°C/168 hrs)	No corrosion