

# Datasheet

Item no. 1565247 1570282 1571492 1567330  
1565248 2499000 2499001 2499002

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HEAT SHRINK TUBING

## Medium Wall Polyolefin Tubing (ATM series)

Part Number	Model no.	As supplied (mm)	After recovered (mm)		Shrinkage ratio	Standard length (Meter)
		I.D. (min.)	I.D. (max.)	W.T. (min)		
<b>ATM medium wall tubing with hot melt adhesive</b>						
1565247	ATM016	16	5	2	3:1	1.22
1570282	ATM019	19	5	2.2	3:1	1.22
1571492	ATM022	22	6	2.2	3:1	1.22
1567330	ATM040	40	12	2.5	3:1	1.22
1565248	ATM044	44	14	2.5	3:1	1.22
2499000	ATM055BK	55	16	2.7	3:1	1.22
2499001	ATM065BK	65	19	2.8	3:1	1.22
2499002	ATM075BK	75	22	3.0	3:1	1.22

Technical Data		
Property	Test Method	Typical Value
Operating temperature	IEC 216	-55°C ~ +110°C
Tensile strength	ASTM D 2671	≥ 14 MPa
Elongation at break	ASTM D 2671	≥ 400%
Density	ASTM D 792	1.05g/cm <sup>3</sup>
Longitudinal shrinkage	UL 224	0 ~ 10%
Eccentricity	ASTM D 2671	< 30%
Elongation at break after aging	150°C, 168hrs	≥ 300%
Dielectric strength	IEC 243	≥ 20kV/mm
Volume resistance	IEC 93	≥ 10 <sup>14</sup> Ω•cm
Copper stability	ASTM D 2671	Pass
Resistance to stress cracking (50°C)	ASTM D 1693	No cracking
Water absorption	ISO 62	< 0.15%

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Thermoplastic Adhesive		
Property	Test Method	Typical Value
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85°C
Peel strength (PE)	DIN 30672	4N/cm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

### Applications:

High shrink ratio and hot melt adhesive, which provide excellent properties of insulation and protection to cable joints and terminations. And high abrasion and corrosion resistance for applying in communication cable and pipe.

### Characteristics:

- Shrinkable Ratio: 3:1
- Easily fit over irregular shape and large connectors
- Resistant to UV and waterproof
- Excellent electrical insulation

### Operating temperature range:

- Operating temperature: -55°C to 110°C
- Minimum shrink temperature: 80°C
- Minimum fully recovery temperature: 120°C

### Material:

- Tubing: Polyolefin
- Hot melt adhesive: EVA

Color: Black

