

Datasheet

Item no. 1567327 1567328 1567329 1570283

V2_02222022_01_en

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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)		
ATM medium wall tubing with hot melt adhesive						
1567327	ATM008	8	2	1.7	4:1	1.22
1567328	ATM012	12	3	1.8	4:1	1.22
1567329	ATM028	28	6	2.5	4:1	1.22
1570283	ATM033	33	8	2.5	4:1	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 ³
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 ¹⁴ 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: 4:1
- 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

