

Data Sheet

ASM Heavy wall polyolefin tubing with hot melt adhesive

- Shrinkage ratio: 3:1
- Easily fit over irregular shape and large connectors
- Resistant to UV and excellent electrical insulation
- Withstands severe mechanical requirements



Technical data

As supplied (mm) Inner Dia. (min): 22 mm
 After recovered (mm) Inner Dia. (max.) 6mm
 After recovered (mm) Inner Dia. (min.) 2.7mm
 Standard Length : 1.22 Meter
 Color: Black
 Operating temperature: -55°C~110°C
 Min. Shrink temperature: 80°C
 Min. Fully recovery temperature: 120°C

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	ASTM D 2671	> 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%
Thermoplastic Adhesive		
Property	Test Method	Typical Value
Water absorption	ISO 62	< 0.2%
Softening point	ASTM D E8	85°C
Peel strength (PE)	DIN 30672	4N/cm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass