



The Hostaphan® insulating tubing is a preferred and cost-effective material with a low shrinkage for insulating temperature monitors and sensors. Even after shrinking, it retains its appearance and flexibility. It can be used at temperatures of up to 160 °C.

Hostaphan® Insulating Tubes, Shrinkable (160°C)

Properties

- 10% to 16% shrinkage at 150°C for securing and insulating electrically conductive
- Excellent dielectric strength
- Made from films in accordance with UL approval E348131
- Wall thicknesses from 0.050mm
- Inner diameter from 2 to 200mm
- Tight tolerance of the inside diameter and exact roundness of the insulating pipe allow for reliable
- These properties allow automatic
- Lengths available as requested by the customer.

Technical data

Physical properties			
Tensile strength LR	[kg/cm2]	2600	ASTMD 882
Yield strength LR	[kg/cm2]	1050	ASTMD 882
Tear elongation		LR 110%, QR 70%	ASTMD 882
Modulus LR	[kg/cm2]	35000	ASTMD 882
Coefficient of friction A/B	static	0.40	AST D 1894
	dynamic	0.36	
Shrinkage properties of the base film			
		LR 10%, QR 10%	5 min 105 °C
		LR 16%, QR 16%	5 min 150 °C
		LR 20%, QR 20%	5 min190 °C
Density [g/cm3]		1,395	ASTM D-1005

LR = Running direction
QR = Transverse direction

Item number:

Example: IRSHL0100/005/0500

IRSHL = master number

0100 = 1.00 mm diameter

005 = 0.05 mm wall thickness

0500 = 500 mm length