

## Polyolefin Heat-Shrink Tubing

# FITCOTUBE® FT-PEPe

FITCOTUBE® FT-PEPe is a heat shrinkable Polyolefin tube with an excellent electrical insulation as well as a high axial tearing resistance. It is free of heavy metals and after shrinking it can easily be removed at room temperature.

FITCOTUBE® FT-PEPe is especially suitable for laser welding and thermal welding rheological processes which makes it an ideal auxiliary product for assisting in the rheological forming of medical catheters, guide wires, etc.

FITCOTUBE® FT-PEPe is compliant with ISO 10993-1.

<b>Operating temperature:</b>	-40°C to +105°C
<b>Shrink temperature:</b>	+130°C to +250°C
<b>Shrink ratio:</b>	2: 1, 3:1
<b>Standard colors:</b>	Transparent



Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after full recovery (max.)	after full recovery (nom.)
FT-PEPe-60	0.71 ±0.10	0.28	0.25 ±0.05
FT-PEPe-80	1.02 ±0.13	0.36	0.28 ±0.05
FT-PEPe-120	1.40 ±0.13	0.51	0.41 ±0.08
FT-PEPe-160	1.83 ±0.13	0.71	0.51 ±0.08
FT-PEPe-240	2.72 ±0.20	1.04	0.51 ±0.08
FT-PEPe-320	3.56 ±0.25	1.45	0.51 ±0.08
FT-PEPe-480	5.21 ±0.25	2.21	0.51 ±0.08
FT-PEPe-640	6.99 ±0.38	3.00	0.64 ±0.08
FT-PEPe-950	10.54 ±0.51	4.30	0.64 ±0.08

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- Packaging:**

On spools. Cut or printed lengths on request.  
Special sizes on request.
- Processing note:**

Care for clean and accurate cutting edge. Start shrinkage on the end.  
Pre-heat metal body.

Attributes	Testing	Value
Tensile Strength	ASTM D 2671	≥10.3MPa
Elongation at Break	ASTM D 2671	≥200%
Longitudinal Change	ASTM D 2671	-10% ~+0%
Dielectric voltage withstand and breakdown	ASTM D 2671	4000V, 60Hz, 60s No breakdown
Dielectric Strength	ASTM D 2671	≥19.7kV/mm