

FT-BPT Brake/Fuel Line Protection Tubing

Features:

- Shrink ratio: 1.5:1
- Working temperature: -45°C~+105°C
- Shrink temperature: Start at 70°C, complete shrink at 110°C
- Longitudinal shrinkage: ≤8%
- Excellent oil and corrosion resistance
- High abrasion resistance
- Very flexible, low shrinkage temperature

Application:

It is ideal solution for the strain relief and mechanical protection of the brake/fuel line, hydraulic line which is subject to bending or clamping operations during manufacturing, installation or operation.



1. Technical Data

Property	Test method	Values
Tensile strength	ASTM D2671	≥12 MPa
Breakdown elongation	ASTM D2671	≥350%
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Breakdown elongation	ASTM D2671	≥300%
Outer layer density	ASTM D792	1.0
Water absorption	ASTM D570	≤0.4%
Heat shock (200°C/4hrs)	ASTM D2671	No dripping No cracking
Low temperature flexibility	ASTM D2671	-40°C/4hrs ,no cracking
Horizontal impact resistance(-35°C)	ASTM D746	No damage
Drop impact resistance(-35°C)	ASTM D746	No damage
Stress cracking resistance	ASTM D1693 part 5.3.6	No damage
Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω • cm
Dielectric strength	ASTM D2671	≥15kV/mm

2. Dimensions

Part No.	As Supplied(mm)	After Recovered (mm)			Standard Packing m/spool
	I.D.	I.D. max.	W.T.	Adhesive W.T.	
MA3-5.5/3.3	5.5	3.3	1.0	0.2	200
MA3-6.5/4.7	6.5	4.7	1.0	0.2	200
MA3-8.5/6.0	8.5	6.0	1.0	0.2	100
MA3-11.0/7.0	11.0	7.0	1.0	0.2	100
MA3-15.0/9.5	15.0	9.5	1.0	0.2	100

Remark:

1. Standard color: Black
2. Special packaging and cutting pieces are available upon request.