

Insulationsleeve

# FITCOTUBE® PUR-Insulationsleeve

All-purpose black protective and insulating hose made of polyurethane with very good UV resistance.

**Operating temperature:** - 40°C to + 125°C

**Standard color:** Black  
Other colors on request

Description	Inner diameter (mm)	Tolerance ID (mm)	Wall thickness (mm)	Tolerance wall thickness (mm)
FITCOTUBE® PUR 2.0x0,4mm	2.0	+ 0.3	0.4	± 0.1
FITCOTUBE® PUR 3.0x0.4mm	3.0	+ 0.3	0.4	± 0.1
FITCOTUBE® PUR 4.0x0.5mm	4.0	+ 0.3	0.5	± 0.15
FITCOTUBE® PUR 5.0x0.6mm	5.0	+ 0.3	0.6	± 0.15
FITCOTUBE® PUR 6.0x0.6mm	6.0	+ 0.3	0.6	± 0.15
FITCOTUBE® PUR 7.0x0.7mm	7.0	+ 0.3	0.7	± 0.15
FITCOTUBE® PUR 8.0x0.7mm	8.0	+ 0.3	0.7	± 0.15
FITCOTUBE® PUR 9.0x0.7mm	9.0	+ 0.4	0.7	± 0.15
FITCOTUBE® PUR 10x0.7mm	10.0	+ 0.4	0.7	± 0.15
FITCOTUBE® PUR 11x0.7mm	11.0	+ 0.4	0.7	± 0.15
FITCOTUBE® PUR 12x0.8mm	12.0	+ 0.4	0.8	± 0.15
FITCOTUBE® PUR 13x0.8mm	13.0	+ 0.5	0.8	± 0.2
FITCOTUBE® PUR 14x1.0mm	14.0	+ 0.5	1.0	± 0.2
FITCOTUBE® PUR 16x1.0mm	16.0	+ 0.6	1.0	± 0.2
FITCOTUBE® PUR 18x1.0mm	18.0	+ 0.6	1.0	± 0.2
FITCOTUBE® PUR 20x1.2mm	20.0	+ 0.6	1.2	± 0.2
FITCOTUBE® PUR 22x1.2mm	22.0	+ 0.7	1.2	± 0.2
FITCOTUBE® PUR 24x1.2mm	24.0	+ 0.7	1.2	± 0.2
FITCOTUBE® PUR 25x1.2mm	25.0	+ 0.7	1.2	± 0.2
FITCOTUBE® PUR 26x1.2mm	26.0	+ 0.7	1.2	± 0.2
FITCOTUBE® PUR 28x1.2mm	28.0	+ 0.7	1.2	± 0.2
FITCOTUBE® PUR 30x1.2mm	30.0	+ 0.9	1.2	± 0.2
FITCOTUBE® PUR 32x1.2mm	32.0	+ 0.9	1.2	± 0.2
FITCOTUBE® PUR 34x1.3mm	34.0	+ 0.9	1.3	± 0.2
FITCOTUBE® PUR 35x1.3mm	35.0	+ 1.0	1.3	± 0.2
FITCOTUBE® PUR 40x1.5mm	40.0	+ 1.0	1.5	± 0.25
FITCOTUBE® PUR 45x1.5mm	45.0	+ 1.2	1.5	± 0.25
FITCOTUBE® PUR 50x1.5mm	50.0	+ 1.2	1.5	± 0.25

\*Special sizes on request

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**Packaging:** rings.  
cut lengths or printed tubing on request.

Properties	Test Method	Typical Value
<b>Mechanical</b>		
Tensile strength	DIN 53504	≥ 40 MPa
Tensile strength loss after water storage	DIN 53504	< 40 %
Ultimate elongation	DIN 53504	> 500 %
Tear resistance	DIN 53515	≥ 60 N/mm
Abrasion	DIN 53516	< 40 mm <sup>3</sup>
Specific density	DIN 53479	1.12 g/cm <sup>3</sup> ± 0.05 g/cm <sup>3</sup>
Hardness Shore A	DIN 53505	87 ± 2
Variations in Shore hardness after water storage	DIN 53505	± 10
<b>Thermal</b>		
Flammability	UL 94 / FMVSS 302	HB / Typ B
Embrittlement temperature	ASTM D 746 B	< -20
<b>Electrical</b>		
Voltage value 100%	DIN 53504	7 MPa
Dielectric strength	VDE 303 (IEC 243)	20-25 kV/mm
<b>Chemical</b>		
Ozone resistance	VDE 472 - 805	Pass