

Insulationsleeve

FITCO® Iso-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)
FITCO® Iso-PUR 2.0x0.4mm	2.1	+ 0.3	0.3	± 0.1
FITCO® Iso-PUR 3.0x0.4mm	3.1	+ 0.3	0.3	± 0.1
FITCO® Iso-PUR 4.0x0.5mm	4.1	+ 0.3	0.4	± 0.1
FITCO® Iso-PUR 5.0x0.6mm	5.1	+ 0.3	0.6	± 0.15
FITCO® Iso-PUR 6.0x0.6mm	6.1	+ 0.3	0.5	± 0.15
FITCO® Iso-PUR 7.0x0.7mm	7.1	+ 0.3	0.7	± 0.15
FITCO® Iso-PUR 8.0x0.7mm	8.1	+ 0.3	0.6	± 0.15
FITCO® Iso-PUR 9.0x0.7mm	9.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR 10x0.7mm	10.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR 11x0.7mm	11.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR 12x0.8mm	12.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR 13x0.8mm	13.1	+ 0.5	0.8	± 0.15
FITCO® Iso-PUR 14x1.0mm	14.1	+ 0.5	0.8	± 0.15
FITCO® Iso-PUR 16x1.0mm	16.1	+ 0.6	0.8	± 0.15
FITCO® Iso-PUR 18x1.0mm	18.1	+ 0.6	0.8	± 0.15
FITCO® Iso-PUR 20x1.2mm	20.1	+ 0.6	1.0	± 0.2
FITCO® Iso-PUR 22x1.2mm	22.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR 24x1.2mm	24.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR 25x1.2mm	25.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR 26x1.2mm	26.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR 28x1.2mm	28.1	+ 0.8	1.0	± 0.2
FITCO® Iso-PUR 30x1.2mm	30.1	+ 0.8	1.0	± 0.2
FITCO® Iso-PUR 32x1.2mm	32.1	+ 0.9	1.3	± 0.2
FITCO® Iso-PUR 34x1.3mm	34.1	+ 0.9	1.4	± 0.2
FITCO® Iso-PUR 35x1.3mm	35.1	+ 1.0	1.4	± 0.2
FITCO® Iso-PUR 40x1.5mm	40.1	+ 1.0	1.6	± 0.25
FITCO® Iso-PUR 45x1.5mm	45.1	+ 1.2	1.6	± 0.25
FITCO® Iso-PUR 50x1.5mm	50.1	+ 1.2	1.6	± 0.25

*Special sizes on request

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

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

In accordance with following directives:

- DBL 5420
- Ford smooth tube specification ES2U5A-1A263-AA
- Delphi M4118
- BMW PUR tube drawing 1 459 835
- AFL TL 980-001
- VW TL 529