

Insulationsleeve

## FITCO® Iso-PUR-HT-Insulationsleeve

All-purpose black protective and modified insulating hose made of polyurethane with very good UV resistance. FITCO® Iso-PUR-HT complies with DIN EN 60684-3.

**Operating temperature:** - 40°C to + 150°C  
**Standard colour:** Matt-Black  
 Other colours on request

Description	Inner diameter (mm)	Tolerance ID (mm)	Wall thickness (mm)	Tolerance wall thickness (mm)
FITCO® Iso-PUR-HT 1.5x0.3mm	1.6	+ 0.3	0.3	± 0.1
FITCO® Iso-PUR-HT 2.0x0.3mm	2.1	+ 0.3	0.3	± 0.1
FITCO® Iso-PUR-HT 2.5x0.3mm	2.6	+ 0.3	0.3	± 0.1
FITCO® Iso-PUR-HT 3.0x0.3mm	3.1	+ 0.3	0.3	± 0.1
FITCO® Iso-PUR-HT 3.5x0.4mm	3.6	+ 0.3	0.4	± 0.1
FITCO® Iso-PUR-HT 4.0x0.4mm	4.1	+ 0.3	0.4	± 0.1
FITCO® Iso-PUR-HT 4.5x0.4mm	4.6	+ 0.3	0.4	± 0.1
FITCO® Iso-PUR-HT 5.0x0.5mm	5.1	+ 0.3	0.5	± 0.15
FITCO® Iso-PUR-HT 5.5x0.5mm	5.6	+ 0.3	0.5	± 0.15
FITCO® Iso-PUR-HT 6.0x0.5mm	6.1	+ 0.3	0.5	± 0.15
FITCO® Iso-PUR-HT 6.5x0.5mm	6.6	+ 0.3	0.5	± 0.15
FITCO® Iso-PUR-HT 7.0x0.6mm	7.1	+ 0.3	0.6	± 0.15
FITCO® Iso-PUR-HT 7.5x0.6mm	7.6	+ 0.3	0.6	± 0.15
FITCO® Iso-PUR-HT 8.0x0.6mm	8.1	+ 0.3	0.6	± 0.15
FITCO® Iso-PUR-HT 9.0x0.6mm	9.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR-HT 10x0.6mm	10.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR-HT 11x0.6mm	11.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR-HT 12x0.6mm	12.1	+ 0.4	0.6	± 0.15
FITCO® Iso-PUR-HT 13x0.8mm	13.1	+ 0.5	0.8	± 0.15
FITCO® Iso-PUR-HT 14x0.8mm	14.1	+ 0.5	0.8	± 0.15
FITCO® Iso-PUR-HT 15x0.8mm	15.1	+ 0.5	0.8	± 0.15
FITCO® Iso-PUR-HT 16x0.8mm	16.1	+ 0.6	0.8	± 0.15
FITCO® Iso-PUR-HT 17x0.8mm	17.1	+ 0.6	0.8	± 0.15
FITCO® Iso-PUR-HT 18x0.8mm	18.1	+ 0.6	0.8	± 0.15
FITCO® Iso-PUR-HT 19x0.8mm	19.1	+ 0.6	0.8	± 0.15
FITCO® Iso-PUR-HT 20x1.0mm	20.1	+ 0.6	1.0	± 0.2
FITCO® Iso-PUR-HT 21x1.0mm	21.1	+ 0.6	1.0	± 0.2
FITCO® Iso-PUR-HT 22x1.0mm	22.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR-HT 23x1.0mm	23.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR-HT 24x1.0mm	24.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR-HT 25x1.0mm	25.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR-HT 26x1.0mm	26.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR-HT 27x1.0mm	27.1	+ 0.7	1.0	± 0.2
FITCO® Iso-PUR-HT 28x1.0mm	28.1	+ 0.8	1.0	± 0.2
FITCO® Iso-PUR-HT 29x1.0mm	29.1	+ 0.8	1.0	± 0.2
FITCO® Iso-PUR-HT 30x1.0mm	30.1	+ 0.8	1.0	± 0.2

\*Other sizes on request

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**Packaging:** On spools, cut lengths or printed tubing on request.

Properties	Test Method	Typical Value
<b>Mechanical</b>		
Tensile strength	DIN 53504	≥ 35 MPa
Ultimate elongation	DIN 53504	> 700 %
Tear resistance	DIN 53515	> 100 N/mm
Voltage value 100%	DIN 53504	7 MPa
Abrasion	DIN 53516	< 40 mm <sup>3</sup>
Specific density	DIN 53479	1.20 ± 0.05 g/cm <sup>3</sup>
Hardness Shore A	DIN 53505	85 ± 2
<b>Chemical</b>		
Ozone resistance	VDE 472 - 805	Pass

**Vorteile:**

- UV-resistant
- Ozone resistant
- Hydrolysis resistant
- Microbe resistant
- Cadmium free
- Lead-free
- Mercury-free
- Chromium-free