

Insulationsleeve

FITCOTUBE® PVC-HT-Insulationsleeve

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

Operating temperature: -40°C to +90°C
Standard color: Black
 Other colors on request
Approvals: According to DIN 40621



Description	Inner diameter (mm)	Tolerance ID (mm)	Wall thickness (mm)	Tolerance wall thickness (mm)
FITCOTUBE® PVC-HT 2.0x0.4mm	2.1	+ 0.3	0.4	± 0.1
FITCOTUBE® PVC-HT 3.0x0.4mm	3.1	+ 0.3	0.4	± 0.1
FITCOTUBE® PVC-HT 3.5x0.4mm	3.6	+ 0.3	0.4	± 0.1
FITCOTUBE® PVC-HT 4.0x0.5mm	4.1	+ 0.3	0.5	± 0.15
FITCOTUBE® PVC-HT 4.5x0.5mm	4.6	+ 0.3	0.5	± 0.15
FITCOTUBE® PVC-HT 5.0x0.6mm	5.1	+ 0.3	0.6	± 0.15
FITCOTUBE® PVC-HT 5.5x0.6mm	5.6	+ 0.3	0.6	± 0.15
FITCOTUBE® PVC-HT 6.0x0.6mm	6.1	+ 0.3	0.6	± 0.15
FITCOTUBE® PVC-HT 6.5x0.6mm	6.6	+ 0.3	0.6	± 0.15
FITCOTUBE® PVC-HT 7.0x0.7mm	7.1	+ 0.3	0.7	± 0.15
FITCOTUBE® PVC-HT 8.0x0.7mm	8.1	+ 0.3	0.7	± 0.15
FITCOTUBE® PVC-HT 9.0x0.7mm	9.1	+ 0.4	0.7	± 0.15
FITCOTUBE® PVC-HT 10x0.7mm	10.1	+ 0.4	0.7	± 0.15
FITCOTUBE® PVC-HT 11x0.7mm	11.1	+ 0.4	0.7	± 0.15
FITCOTUBE® PVC-HT 12x0.8mm	12.1	+ 0.4	0.8	± 0.15
FITCOTUBE® PVC-HT 13x0.8mm	13.1	+ 0.5	0.8	± 0.2
FITCOTUBE® PVC-HT 14x1.0mm	14.1	+ 0.5	1.0	± 0.2
FITCOTUBE® PVC-HT 15x0.8mm	15.1	+ 0.5	0.8	± 0.2
FITCOTUBE® PVC-HT 16x1.0mm	16.1	+ 0.6	1.0	± 0.2
FITCOTUBE® PVC-HT 17x1.0mm	17.1	+ 0.6	1.0	± 0.2
FITCOTUBE® PVC-HT 18x1.0mm	18.1	+ 0.6	1.0	± 0.2
FITCOTUBE® PVC-HT 19x1.0mm	19.1	+ 0.6	1.0	± 0.2
FITCOTUBE® PVC-HT 20x1.2mm	20.1	+ 0.6	1.2	± 0.2
FITCOTUBE® PVC-HT 21x1.2mm	21.1	+ 0.7	1.2	± 0.2
FITCOTUBE® PVC-HT 22x1.2mm	22.1	+ 0.7	1.2	± 0.2
FITCOTUBE® PVC-HT 23x1.2mm	23.1	+ 0.7	1.2	± 0.2
FITCOTUBE® PVC-HT 24x1.2mm	24.1	+ 0.7	1.2	± 0.2
FITCOTUBE® PVC-HT 25x1.2mm	25.1	+ 0.7	1.2	± 0.2
FITCOTUBE® PVC-HT 26x1.2mm	26.1	+ 0.7	1.2	± 0.2
FITCOTUBE® PVC-HT 27x1.2mm	27.1	+ 0.8	1.2	± 0.2
FITCOTUBE® PVC-HT 28x1.2mm	28.1	+ 0.8	1.2	± 0.2
FITCOTUBE® PVC-HT 29x1.2mm	29.1	+ 0.9	1.2	± 0.2
FITCOTUBE® PVC-HT 30x1.2mm	30.1	+ 0.9	1.2	± 0.2
FITCOTUBE® PVC-HT 32x1.2mm	32.1	+ 0.9	1.2	± 0.2
FITCOTUBE® PVC-HT 33x1.2mm	33.1	+ 0.9	1.2	± 0.2

*Special sizes on request

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

Properties	Test Method	Typical Value
Mechanical		
Tensile strength	ISO 527-1/2/DIN 53504, S2	≥ 15 MPa
Ultimate elongation	ISO 527-1/2/DIN 53504, S2	≥ 300%
Specific density	ISO 1183	1.37 ± 0.03 g/cm ²
Hardness Shore A	ISO 868, 3 s	92 ± 3
Thermal		
Heat resistance test (240h x 130°C) & (3000h x 105°C)	-	Pass
Cold resistance test (6h x -40°C)	-	Pass
Operating temperature (Up to max. 3000h)	-	- 40°C to + 105°C
Operating temperature (≥ 3000h)	-	- 40°C to + 90°C
Flammability	FMVSS 302 / UL 94	Level 2. (Self-extinguishing) / HB
Electrical		
Dielectric strength	IEC 60243-1/VDE 0303	≥ 20 kV/mm
Volume resistance	IEC 60093/VDE 0303	≥ 10 ¹⁰ Ω*cm