

Insulationsleeve

FITCO® Iso-PVC-HT-Insulationsleeve

FITCO® Iso-PVC-HT is an all-purpose insulating conduit made of soft PVC-HT, which is particularly suitable for protecting electrical cables against mechanical influences, e.g. abrasion. It is highly resistant to UV, ozone, hydrolysis, and microbes, and complies with both EU Directive 2003/11/EC and DIN EN 60684-3.

Operating temperature: -40°C to +105°C (3000h)

Standard color: Black
Other colors on request



Description	Inner diameter (mm)	Wall thickness (mm)
FITCO® Iso-PVC-HT 1.5x0.4	1.6 +0.3	0.4 +/-0.1
FITCO® Iso-PVC-HT 2x0.4	2.1 +0.3	0.4 +/-0.1
FITCO® Iso-PVC-HT 2.5x0.4	2.6 +0.3	0.4 +/-0.1
FITCO® Iso-PVC-HT 3x0.4	3.1 +0.3	0.4 +/-0.1
FITCO® Iso-PVC-HT 3.5x0.4	3.6 +0.3	0.4 +/-0.1
FITCO® Iso-PVC-HT 4x0.4	4.1 +0.3	0.4 +/- 0.10
FITCO® Iso-PVC-HT 4.0x0.5	4.1 +0.3	0.5 +/- 0.15
FITCO® Iso-PVC-HT 4.5x0.5	4.6 +0.3	0.5 +/-0.15
FITCO® Iso-PVC-HT 5x0.5	5.1 +0.3	0.5 +/-0.15
FITCO® Iso-PVC-HT 5x0.6	5.1 +0.3	0.6 +/-0.15
FITCO® Iso-PVC-HT 5.5x0.6	5.6 +0.3	0.6 +/-0.15
FITCO® Iso-PVC-HT 6x0.6	6.1 +0.3	0.6 +/-0.15
FITCO® Iso-PVC-HT 6.5x0.6	6.6 +0.3	0.6 +/-0.15
FITCO® Iso-PVC-HT 7x0.6	7.1 +0.3	0.6 +/-0.15
FITCO® Iso-PVC-HT 7x0.7	7.1 +0.3	0.7 +/-0.15
FITCO® Iso-PVC-HT 7.5x0.7	7.6 +0.3	0.7 +/-0.15
FITCO® Iso-PVC-HT 8x0.7	8.1 +0.3	0.7 +/-0.15
FITCO® Iso-PVC-HT 9x0.7	9.1 +0.4	0.7 +/-0.15
FITCO® Iso-PVC-HT 10x0.7	10.1 +0.4	0.7 +/-0.15
FITCO® Iso-PVC-HT 11x0.7	11.1 +0.4	0.7 +/-0.15
FITCO® Iso-PVC-HT 12x0.8	12.1 +0.4	0.8 +/-0.15
FITCO® Iso-PVC-HT 13x0.8	13.1 +0.5	0.8 +/-0.15
FITCO® Iso-PVC-HT 14x1	14.1 +0.5	1.0 +/-0.2
FITCO® Iso-PVC-HT 15x1	15.1 +0.5	1.0 +/-0.2
FITCO® Iso-PVC-HT 16x1	16.1 +0.6	1.0 +/-0.2
FITCO® Iso-PVC-HT 17x1	17.1 +0.6	1.0 +/-0.2
FITCO® Iso-PVC-HT 18x1	18.1 +0.6	1.0 +/-0.2
FITCO® Iso-PVC-HT 19x1	19.1 +0.6	1.0 +/-0.2
FITCO® Iso-PVC-HT 20x1.2	20.1 +0.6	1.2 +/-0.2
FITCO® Iso-PVC-HT 22x1.2	22.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC-HT 23x1.2	23.1 +0.7	1.2 +/-0.2

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Description	Inner diameter (mm)	Wall thickness (mm)
FITCO® Iso-PVC-HT 24x1.2	24.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC-HT 25x1.2	25.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC-HT 26x1.2	26.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC-HT 27x1.2	27.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC-HT 28x1.2	28.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC-HT 29x1.2	29.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC-HT 30x1.2	30.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC-HT 31x1.2	31.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC-HT 32x1.2	32.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC-HT 33x1.2	33.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC-HT 34x1.2	34.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC-HT 35x1.2	35.1 +0.8	1.2 +/-0.2

Special sizes on request

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

Properties	Test Method	Typical Value
Mechanical		
Tensile strength	DIN 53504	>17MPa
Ultimate elongation	DIN 53504	>300%
Specific density	DIN53479	1.37 ± 0.03 g/cm ²
Hardness Shore A	DIN 53505	88 ±2
Thermal		
Heat resistance test	VDE 0472	>180 min.
Cold resistance test (-40°C/48h)	VDE 0472	Pass
Flammability	DIN/ISO 6722 acc. to UL 94	selfextinguishing ≤30 Sek. V0
Electrical		
Dielectric strength	DIN 53481	>20kV/mm