

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 also meets the requirements of EU Directive 2003/11/EC.

**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
<b>Mechanical</b>		
Tensile strength	DIN 53504	>17MPa
Ultimate elongation	DIN 53504	>300%
Specific density	DIN53479	1.37 ± 0.03 g/cm <sup>2</sup>
Hardness Shore A	DIN 53505	88 ±2
<b>Thermal</b>		
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
<b>Electrical</b>		
Dielectric strength	DIN 53481	>20kV/mm