

Insulationsleeve

## FITCO® Iso-PVC-Insulationsleeve

FITCO® Iso-PVC is an all-purpose insulating conduit made of soft PVC, 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 +90°C (3000h)

**Standard color:** Black  
Other colors on request



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

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Description	Inner diameter (mm)	Wall thickness (mm)
FITCO® Iso-PVC 24x1.2	24.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC 25x1.2	25.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC 26x1.2	26.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC 27x1.2	27.1 +0.7	1.2 +/-0.2
FITCO® Iso-PVC 28x1.2	28.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC 29x1.2	29.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC 30x1.2	30.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC 31x1.2	31.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC 32x1.2	32.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC 33x1.2	33.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC 34x1.2	34.1 +0.8	1.2 +/-0.2
FITCO® Iso-PVC 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	>21MPa
Ultimate elongation	DIN 53504	>250%
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	>100 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