

Highflexible flame retardant Polyolefin heat shrink tubing

## FITCOTUBE® FT-SNV

Medium wall, flame retardant, highflexible tube for insulation of round and rectangular busbars up to 1 kV.

This highly flexible tubing can be used for a variety of curved and bent busbars (with round or rectangular cross-sections).

The UV-resistant material is therefore suitable for both indoor and outdoor applications.

<b>Operating temperature:</b>	up to 105° C
<b>Shrink temperature:</b>	120° C, ideally: shrinkage with open flame
<b>Shrink ratio:</b>	2,5 or 3:1
<b>Standard color:</b>	Black Other colors on request
<b>Approvals:</b>	According to UL

Description	Rectangular Busbars L+T(mm)		Round Busbars D (mm)		H min.	H max.	W nom.	W min.	Spools(m)
	min	max	min	max					
FITCOTUBE® FT-SNV 15/6	12	18	6,5	12	15	6	0,7	1,5	60
FITCOTUBE® FT-SNV 30/10	17	39	11	25	30	10	0,5	1,5	60
FITCOTUBE® FT-SNV 50/20	36	65	22	43	50	20	0,65	1,5	30
FITCOTUBE® FT-SNV 75/25	39	86	27	55	75	25	0,5	1,5	30
FITCOTUBE® FT-SNV 100/35	59	117	38	75	100	35	0,5	1,5	60
FITCOTUBE® FT-SNV 120/40	70	150	44	90	120	40	0,5	1,5	30
FITCOTUBE® FT-SNV 150/50	86	157	55	100	150	50	0,5	1,5	30
FITCOTUBE® FT-SNV 175/70	117	190	75	120	175	70	0,5	1,5	100
FITCOTUBE® FT-SNV 235/105	190	280	120	180	235	105	0,5	1,5	25

Special sizes on request

Hochflexible flame retardant Polyolefin heat shrink tubing

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**Packaging:** On Spools. Cut and printed lengths on request.

**Processing note:** Care for clean and straight cutting edges. Start shrinkage on the end.  
Pre-heat metal body.

Properties	Test Method	Requirement	Typical Value
<b>Thermal</b>			
Low temperature flexibility (4hrs at - 40°C)	ASTM D2671	No cracking	Passed
Thermal Endurance	IEC 216	-	105° C min.
Flammability	IEEE 27, ANSI C37.20, IEC 332, BS 4066	-	Self extinguishing 60 sec max
<b>Mechanical</b>			
Water absorption	ASTM D 570	24 hrs at 23°C, 0,2% max	Passed
<b>Chemical</b>			
Resistance to transformer oil -Tensile strength -Ultimate elongation	VDE 0370	168 hrs at 23°C 11 MPa (1600 psi) min. 300%	Passed