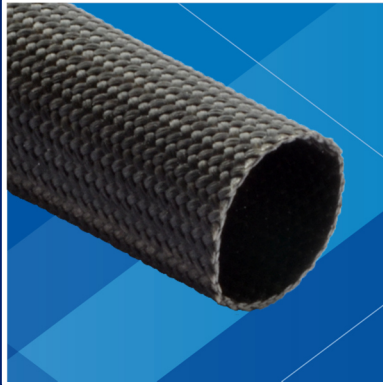


INSULATING TUBING

HTI-VSR-10

Isotop Electro-Insulation sleeving, braided from Glassfiber, coated with Silicone, up to 300 °C



Highlights:

- Highly flexible
- -70 °C to +300 °C
- Halogen free
- Good abrasion resistance
- Not flammable
- Little fraying
- Light structure
- Colour: natural
- RoHS and REACH compliant
- Norms: UL1441, IEC60684

Dimensions

Art.-No.	Reference	Inner diameter nominal (mm)	Diameter tolerance (mm)	Wall thickness min (mm)	Standard packaging (m)
Z84429	HTI-VSR-10-0,5	0,5	+0,2	0,20	400
Z84430	HTI-VSR-10-1	1	+0,2	0,25	300
Z84431	HTI-VSR-10-1,5	1,5	+0,2	0,25	300
Z84432	HTI-VSR-10-2	2	+0,2	0,25	300
Z84433	HTI-VSR-10-2,5	2,5	+0,2	0,25	300
Z84434	HTI-VSR-10-3	3	+0,2	0,25	300
Z84435	HTI-VSR-10-3,5	3,5	+0,3	0,25	300
Z84436	HTI-VSR-10-4	4	+0,3	0,30	300
Z84XXX	HTI-VSR-10-4,5	4,5	+0,3	0,30	200
Z84437	HTI-VSR-10-5	5	+0,3	0,30	200
Z84438	HTI-VSR-10-6	6	+0,3	0,30	200
Z84440	HTI-VSR-10-8	8	+0,3	0,30	100
Z84442	HTI-VSR-10-10	10	+0,3	0,30	100
Z84443	HTI-VSR-10-12	12	+0,5	0,45	100
Z84444	HTI-VSR-10-14	14	+0,5	0,45	100
Z84445	HTI-VSR-10-16	16	+1,0	0,45	100
Z84446	HTI-VSR-10-18	18	+1,0	0,55	100
Z84447	HTI-VSR-10-20	20	+1,0	0,55	100
Z84XXX	HTI-VSR-10-22	22	+1,0	0,60	50
Z84XXX	HTI-VSR-10-25	25	+1,0	0,60	50

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We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,
CUSTOMER-ORIENTED**

HEINRICH THULESIUS GMBH & CO. KG
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INSULATING TUBING

HTI-VSR-10

Isotop Electro-Insulation sleeving, braided from Glassfiber, coated with Silicone, up to 300 °C

Technical characteristics

Property	Test	Inspection requirements	Typical values
Thermal	Heat ageing	IEC 60684 Part 2, Clause 13, bending after 48 hours at 400 °C	No cracking
	Operation temperature	Peaks up to +450 °C (1 Std.); 10 days at +350 °C	-70 °C to +300 °C
	Cold resistance	Bending at -70 °C, IEC 60684 - Part 2 Clause 14	No cracking
Chemical	Chemical resistance	Excellent resistance to solvents. Compatible with most insulating varnishes	
	Toxicity	NF X 70-100	ITC = 4,08
	Smoke index (IF)	NF F 16-101	IF = 2,2
	Smoke density	NF X 10-702	VOR4 = 3,2 D max. = 3
	Oxygen index	UNE EN ISO 4589	10 = 64,5%
	Flammability	IEC 60684 Part 2 Clause 26, Method B, vertical with wire; Flame test: UL 1441 VW-1, vertical with wire	Will not ignite
Electrical	Dielectric strength	- IEC 60684, 250 mm Inst. B/D central value - IEC 60684, 250 mm Inst. B/D lowest value - UL 1141, 25 mm Inst. B/D	Min. 0,7 kV Min. 0,6 kV Min. 0,9 kV

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