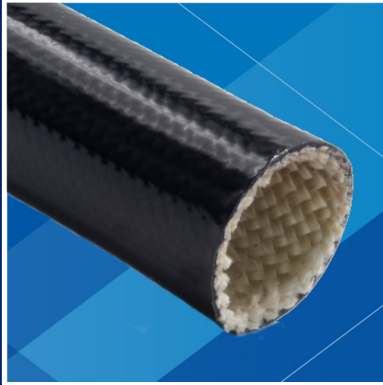


# INSULATING TUBING

## HTI-VAC80

Isotop Electro-Insulation sleeving, braided from fiberglass, coated with acrylic resin



### Highlights:

- Very flexible
- -70 °C bis +155 °C
- Self-extinguishing
- UL 1441
- Electrical strength up to 8 kV
- Little fraying
- Colours: yellow, black, others on request
- RoHS and REACH compliant

### Dimensions

Art.-No.	Reference	Inner diameter nominal (mm)	Diameter tolerance (mm)	Wall thickness min (mm)	Standard packaging (m)
Z84580	HTI-VAC80-0,5	0,5	+0,2	0,28	400
Z84576	HTI-VAC80-0,8	0,8	+0,2	0,35	400
Z84581	HTI-VAC80-1	1	+0,2	0,38	400
Z84583	HTI-VAC80-1,5	1,5	+0,3	0,38	300
Z84584	HTI-VAC80-2	2	+0,3	0,38	200
Z84585	HTI-VAC80-2,5	2,5	+0,3	0,46	200
Z84586	HTI-VAC80-3	3	+0,3	0,46	200
Z84587	HTI-VAC80-3,5	3,5	+0,3	0,46	200
Z84588	HTI-VAC80-4	4	+0,4	0,51	200
Z84589	HTI-VAC80-5	5	+0,5	0,51	100
Z84590	HTI-VAC80-6	6	+0,5	0,51	100
Z84591	HTI-VAC80-7	7	+0,5	0,51	100
Z84592	HTI-VAC80-8	8	+0,5	0,64	100
Z84593	HTI-VAC80-9	9	+0,6	0,64	100
Z84594	HTI-VAC80-10	10	+0,6	0,64	100
Z84595	HTI-VAC80-12	12	+0,6	0,64	50
Z84596	HTI-VAC80-14	14	+0,7	0,64	50
Z84597	HTI-VAC80-16	16	+0,7	0,64	50
Z84577	HTI-VAC80-18	18	+0,9	0,64	25
Z84578	HTI-VAC80-20	20	+0,9	0,64	25
Z84598	HTI-VAC80-22	22	+0,9	0,64	25
Z84599	HTI-VAC80-25	25	+0,9	0,64	25

Created by: VS 20.11.2020

We reserve the right to make product changes.

**RELIABLE, FLEXIBLE,  
CUSTOMER-ORIENTED**

**HEINRICH THULESIUS GMBH & CO. KG**  
Zum Panrepel 15, D-28307 Bremen, GERMANY



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# INSULATING TUBING

## HTI-VAC80

Isotop Electro-Insulation sleeving, braided from fiberglass, coated with acrylic

### Technical characteristics

Property	Test	Inspection requirements	Typical values
Thermal	Heat aging resistance	IEC 60684 Part 2, Clause 13, 48 hours at 180 °C; UL 1141, 60 days at 190 °C; Dielectric strength:	No cracking, colours recognizable; average breakdown 5 kV
	Operating temperature		-70 °C to +155 °C
	Cold resistance	Bending at -70 °C, IEC 60684 - Part 2 Clause 14; UL 1441, 1 hour at -10 °C	No cracking
Chemical	Chemical resistance	Compatible with most insulating varnishes UL 1441, Horizontal Flame Test	Passed
	Flammability	IEC 60684 Part 2 Clause 26, Method A, vertical with mandrel	Extinguishes within 60 sec.
Electrical	Dielectric strength	- IEC 60684, 250 mm Inst. B/D Central value	7 kV
		-IEC 60684, 250 mm Inst. B/D Lowest value	6 kV
		- DIN 40620, 200 mm 60 sec.	5 kV
		- UL 1141, 24 mm Inst. B/D	8 kV

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