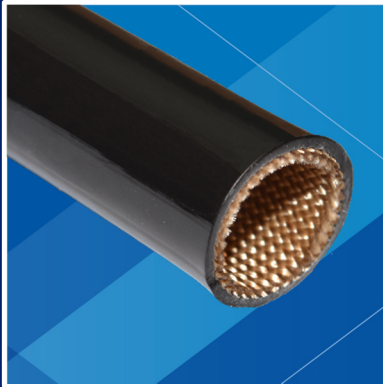


# INSULATING TUBING

## HTI-VSC 75

Isotop Electro-Insulation sleeving, made of Glassfiber and Silicone, 7,5 kV



### Highlights:

- Very flexible
- -70 °C to +235 °C
- Halogen free
- Dielectric strength 8 kV
- Self-extinguishing VW-1, UL 1441
- Little fraying
- Colours: black, white, red-brown
- RoHS and REACH compliant

### Dimensions

Art.-No.	Reference	Inner diameter nominal (mm)	Diameter tolerance (mm)	Wall thickness min (mm)	Standard packaging (m)
Z84368	HTI-VSC75-0,5	0,5	0,2	0,28	200
Z84369	HTI-VSC75-1	1	0,3	0,38	200
Z84370	HTI-VSC75-1,5	1,5	0,3	0,38	200
Z84371	HTI-VSC75-2	2	0,3	0,38	200
Z84372	HTI-VSC75-2,5	2,5	0,3	0,46	200
Z84373	HTI-VSC75-3	3	0,3	0,46	200
Z84374	HTI-VSC75-3,5	3,5	0,3	0,46	200
Z84375	HTI-VSC75-4	4	0,4	0,51	200
Z84376	HTI-VSC75-5	5	0,5	0,51	100
Z84377	HTI-VSC75-6	6	0,5	0,51	100
Z84378	HTI-VSC75-7	7	0,5	0,51	100
Z84379	HTI-VSC75-8	8	0,6	0,64	100
Z84380	HTI-VSC75-9	9	0,6	0,64	100
Z84381	HTI-VSC75-10	10	0,6	0,64	100
Z84382	HTI-VSC75-12	12	0,6	0,64	50
Z84383	HTI-VSC75-14	14	0,7	0,64	50
Z84384	HTI-VSC75-16	16	0,7	0,64	50
Z84XXX	HTI-VSC75-18	18	0,7	0,64	50
Z84XXX	HTI-VSC75-20	20	0,9	0,64	50
Z84XXX	HTI-VSC75-22	22	0,9	0,64	25
Z84XXX	HTI-VSC75-25	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-VSC 75

Isotop Electro-Insulation sleeving, made of Glassfiber and Silicone, 7,5 kV

### Technical characteristics

Property	Test	Inspection requirements	Typical values
Thermal	Heat resistance	UL1441: 7 days at +265 °C	Maintains its flexibility at +175°C
		60 days at +235 °C	Resists several hours at +225°C
		1 hour at +300 °C	Resists 60 days at +190°C
	Operating temperature	Peaks at +300 °C	-70 °C to +235 °C
	Cold resistance	Bending at -70 °C, IEC 60684 - Part 2 Clause 14	No cracking
Chemical	Chemical resistance	Resistance to hydrocarbons (UL1441):	
		After 96 h. at +100°C in ASTM oil n.2	16.000 V
		After 1440 h. at +80°C in ASTM oil n.2	16.200 V
		Resistance to impregnation varnishes and resins (UL1441)	Excellent
	Humidity resistance	336 hours at +70 °C	No softening
	Flammability	Flame propagation IEC60684 Part 2 Clause 26 Method B Vertical without mandrel. UL 1441 VW-1 or FT-1, sleeving in vertical position	Self-extinguishing (within 60 sec.)
Electrical	Dielectric strength	- UL1441, at room temperature, before thermal ageing	Min. 8,0 kV
		- UL1441, after 7 days at +265 °C	Min. 6,5 kV
		- UL1441, after 60 days at +265 °C	Min. 6,5 kV

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