



ERBA ISOLANTI srl

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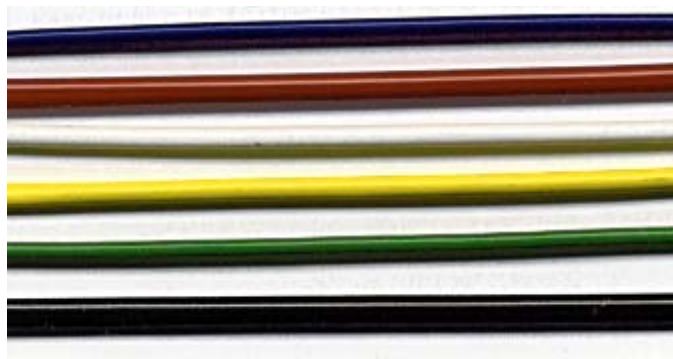
DATA: 18.Mar.94	VTR-ES... BRAIDED FIBREGLASS SLEEVING COATED WITH SILICONE RUBBER	Codice VRES
AGG.: 17.Mag.99		Scheda 20.6.10 GB tecnica
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DESCRIPTION

Braided fibreglass sleeving coated with silicone rubber.

APPLICATIONS

Ideal thermal and electrical insulating material for devices with high operating temperatures. Combines the good mechanical resistance of fibreglass braid with the flexibility, chemical resistance and dielectric strength of silicone elastomer.



THERMAL CLASS : H (180°C)

PROPERTIES

Dielectric

TEST	METHOD	U M	VTR ES 25 (KV 2,5)	VTR ES 40 (KV 4,0)
IEC 684	250 mm - Central / Lowest Value	KV	3,0 / 2,5	5,0 / 4,0
DIN 40620	200 mm, 60 sec. proof	KV	3,0	4,0
UL 1441	25 mm	KV	4,0	7,0

Thermic

IEC 684	Operating Temp.	°C	- 70 ÷ + 200
UL 1441	Thermal overcharge and aging resistance 7 gg a 265°C - 60 gg a 235°C	°C	There are neither cracks nor deformation on the surface of the silicone rubber coating.

Chemical

Excellent resistance to hydrocarbides, gasolines, oils, solvents and aggressive chemical agents in generals.

FLAME RESISTANCE

Passes the flame test-sleeving in horizontal position (HS) and vertical position (VW-I) as specified DIN 40420 and UL 1441.

AVAILABILITY

Nominal Bore (mm)	Bore Tolerance (mm)	Minimum wall thickness KV 2,5	Minimum wall thickness KV 4	Standard Put-up (m)
0,50 ÷ 0,75 / 0,8	+ 0,15	0,25	0,35	400
1	+ 0,20	0,35	0,45	400
1,5 ÷ 3	+ 0,20	0,35	0,45	200
3,5 ÷ 4	+ 0,25	0,35	0,45	200
5 ÷ 6	+ 0,25	0,45	0,55	200
7 ÷ 8	+ 0,25	0,45	0,55	100
9 ÷ 10	+ 0,50	0,45	0,55	100
12	+ 0,50	0,55	0,65	100
14	+ 0,50	0,65	0,75	50
16 ÷ 20	+ 1,0	0,65	0,75	50
22	+ 1,0	0,85	0,95	25
22	+ 1,0	0,90	1,00	25

STANDARD COLOURS:

Red and black.

Other colours on request with minimum 3.000 meters per diameter and colour.

We can supply sleeving cutted at requested length.