



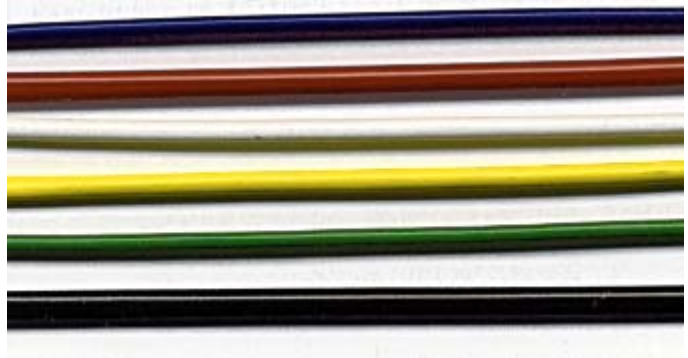
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DATA: 03.Ott.03	VTR-ES...H BRAIDED FIBREGLASS SLEEVING COATED WITH SILICONE RUBBER	Codice VAES
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DESCRIPTION

Braided fibreglass sleeving coated with silicone rubber.



APPLICATIONS

Electrical motors and transformers; coils; heating resistances; cables; wiring harness; all electrical devices working at high temperature.

DESCRIPTION

Approvals: UL E220238 FSG

THERMAL CLASS: 200

OPERATING TEMPERATURE: -30°C ÷ +200°C

PROPERTIES

Dielectric

TEST	METHOD	U M	VAES15	VAES25	VAES40
IEC 684	250 mm – Lowest central value	KV	1,5	2,5	4,0
GRADE			C2	C1	B

Thermic

Test	Operating Temperature	Results
UL 1441	7 days at 265°C 60 days at 235°C	There are neither works nor deformation on the surface of the silicone rubber coating.

Chemical

Excellent resistance to hydrocarbons, oils, solvents and aggressive chemicals agents in general tests to specific chemicals are strongly recommended.

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 C2 - C1 - B	Standard Put-up (m)
0,50 ÷ 2,5	+0,25 -0,00	0,18	200
3 ÷ 4	+0,50 -0,00	0,23	200
5 ÷ 6	+0,50 -0,00	0,28	100
7 ÷ 9	+0,60 -0,00	0,28	100
10 ÷ 12	+0,80 -0,00	0,40	100
14 ÷ 18	+0,80 -0,00	0,48	100
20 ÷ 30	+1,00 -0,00	0,50	50

STANDARD COLOURS

Brick red. Upon request and minimum 5000 metres: black, white, blue, yellow, green and brown. These sleeving can be supplied to specific lengths from 20 mm to 1000 mm.

The statements in this publication are based on our present knowledge and experience. Due to the number of possible influences in the processing and application of our products, these statements do not exempt their user from making his own tests and experiments. They cannot be taken as legally binding assurance regarding certain properties or suitability for a particular application. Any possible patent rights as well as existing laws and provisions must be observed at the responsibility of the user.