



ISOLVECO
L'ESPERIENZA AL VOSTRO SERVIZIO

Soggetta ad attività di direzione e coordinamento da
IRCE S.p.A. Via Lasie 12/A Imola (BO)
Reg. imprese 266734

GVES - Silicon Rubber fiberglass sleeving

GVES is an insulating sleeving produced with a thermal process. The fiberglass is coated with a silicone resin; it is available in three standard voltage: 1500 Volt – 2500 Volt – 4000 Volt. The thermal treatment and the special resins used for this item give the material a very good softness and elasticity, excellent high temperature resistance and good dielectric strength.

Thermal properties:

Thermal Class: C

Usage temperature:
-60°C + 250°C.

Short time peaks at +290°C

Packaging:

From 0,5 mm. up to 4 mm.
200 meters rolls

from 5 mm. up to 16 mm.
100 meters rolls

Colour:

Brick red is the standard colour.
Other colours on request.

Breakdown Voltage:

According to UL 1441

Applications:

- Domestic appliances
- Motor and transformers connections
- Lamps
- General electrical usage

Certifications:

UL  File E311983
IEC 60684-3-400/402:2002



Size:

Inside Diameter	Tolerance mm	Wall thickness GVES 1500	Wall thickness GVES 2500	Wall thickness GVES 4000
0,5	+ 0,3 - 0	0,40 ±0,12	0,41 ±0,12	0,50 ±0,15
1		0,40 ±0,12	0,41 ±0,12	0,50 ±0,15
1,5		0,40 ±0,12	0,41 ±0,12	0,50 ±0,15
2		0,40 ±0,12	0,41 ±0,12	0,50 ±0,15
2,5		0,40 ±0,12	0,41 ±0,12	0,50 ±0,15
3		0,50 ±0,12	0,52 ±0,12	0,52 ±0,15
3,5		0,50 ±0,12	0,52 ±0,12	0,52 ±0,15
4		0,50 ±0,12	0,52 ±0,12	0,52 ±0,15
5		0,50 ±0,12	0,52 ±0,12	0,55 ±0,15
6		0,50 ±0,12	0,52 ±0,12	0,55 ±0,15
7		0,50 ±0,12	0,52 ±0,12	0,55 ±0,15
8		0,50 ±0,12	0,52 ±0,12	0,55 ±0,15
9		0,60 ±0,12	0,62 ±0,12	0,65 ±0,15
10		0,60 ±0,12	0,62 ±0,12	0,65 ±0,15
12		0,60 ±0,12	0,62 ±0,12	0,65 ±0,15
14		0,60 ±0,12	0,62 ±0,12	1,12 ±0,15
16	0,60 ±0,12	0,62 ±0,12	1,12 ±0,15	

Main property:

Property	Results
After heating	No cracking or detachment of the coating after 48 hours at 260°C
Low temperature	No cracking or detachment of the coating after 60 minutes at -70°C
Flame propagation	Max 60 sec.

The values given above are believed to be accurate and given as a matter of information only. As usage conditions are beyond our control we suggest the customer to confirm values and product compatibility prior to its use. We don't guarantee nor accept any responsibility for any particular usage.

ISOLVECO S.r.l

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