

TES

TECHNICAL DATA SHEET

TES is silicone elastomer-coated fibreglass braided sleeving.

The dielectric rigidity is fixed by the quantity of silicone elastomer.

This insulating sleeve has been developed to insulate class H (+180°C) and class C (+220°C) rotating engines and machines, transformers, wirings for electrical and electronic constructions exposed to extreme temperatures (high or low), etc.

3 types are available :
TES 15
TES 25
TES 40

Working temperature -60°C up to +200°C

Standard colour Brick red.

Non-standard colours Upon request.

DIMENSION DATA

Nominal diameter (mm)	Reel (m)		
	TES 15	TES 25	TES 40
0,5 up to 3	200	200	200
4 up to 14	100	100	100
Upper than 16	50	50	50

Also available in cut length (Upon request)

TES

TECHNICAL CHARACTERISTICS:

Standard Requirements

PHYSICAL

Working temperature	-60°C up to +200°C
Withstand peaks	+280°C
Flammability	No flame propagation

ELECTRICAL

Rated voltage	500V
Breaking strength after 10h of relative humidity:	TES 15 : 1000 up to 1500V TES 25 : 2000 up to 3000V TES 40 : 3000 up to 4000V

CHEMICAL

Water resistance	Good
Mould resistance	Good
Chemical resistance	Good
Alkaline, saline and ozone resistance	Good
UV radiation resistance	Good
Alcohol and fat resistance	Good
Hydrocarbon and solvent resistance	Good

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.