



# ERBA ISOLANTI srl

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DATA: 17 Nov 98	<b>TAPE ELASTO SILICONE</b> <b>SELF FUSIONING</b>	Codice NASIL
Pag: 1 / 1		Scheda 34.3GB tecnica
Upd. 01-Sept-01		Gruppo L

## CONSTRUCTION

Silicone rubber with a slightly adhesive surface which allows an adhesive tape on tape wrapping.

- Triangular or rectangular section.
- A Polyester film placed between 2 tape layers on our roll avoids the layer's adhering to each other.

## APPLICATIONS

- For rotating machines and transformers
- For splices, joinings, establishing of insulating sets
- Establishing isolations on cables
- Dust and humidity tightness

**INSULATING CLASS:** 200 (200 °C)

## CHARACTERISTICS

	U.M.		VALORI
Hardness	SHORE-A	=	60 ±5
Density	g/cm <sup>3</sup>	=	1,9 +/-0,020
Rupture strength	MPa	≥	6
Elongation at rupture	%	≥	350
Breakdown strength	KV/0,1 mm	≥	2,5
Breakdown strength after aging	KV/0,1 mm	≥	1,8
Relative Dielectric Constant		=	2,8 ÷ 3
Resistance to intermittent temp.	°C	=	-50 ÷ +250
Resistance to cont. temp.	°C	=	200
Dissipation factor	KCal•h		1,1•10 <sup>3</sup> ÷ 2,5•10 <sup>3</sup>
Resistivity in volume ohm/cm	Ω/cm	=	3•10 <sup>15</sup> ÷ 1•10 <sup>16</sup>

## PUT UP

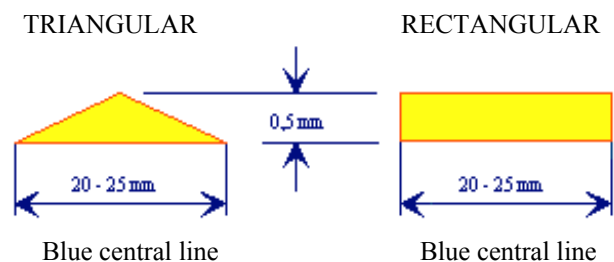
- In sections: - Triangular: central thickness = 0,5 mm with a central blue marking line  
 - Rectangular: central thickness = 0,5 mm

Other thicknesses: on demand

In 20 and 25 mm widths. Other widths on demand .

In 10M or 20M rolls (the standard being 20M)

REF	SECT.	THICK. mm	WIDTH mm
NASIL T20	Triangular	0,5	20
NASIL T25	Triangular	0,5	25
NASIL R20	Rectangula r	0,5	20
NASIL R25	Rectangula r	0,5	25



## STORAGE

Take the habitual precautions for insulating storage, moderate temperature, do not expose to sun.

To be preferably stoked in a cool place with a temperature not exceeding 20°C.

Average time life: 6 months maximum.