

ERBA ISOLANTI srl

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DATA:	17 Nov 98	TAPE ELASTO SILICONE	Codice	NASIL
Pag:	1 / 1	SELF FUSIONING	Scheda tecnica	34.3GB
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 ³	=	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		=	$2.8 \div 3$
Resistance to intermittent temp.	°C	=	$-50 \div +250$
Resistance to cont. temp.	°C	=	200
Dissipation factor	KCal•h		$1.1 \cdot 10^3 \div 2.5 \cdot 10^3$
Resistivity in volume ohm/cm	Ω/cm	=	$3 \bullet 10^{15} \div 1 \bullet 10^{16}$

PUT UP

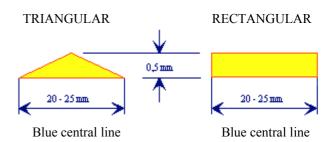
In sections: - Triangular: central thickness = 0.5 mm with a central blue marking line

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



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.

This information is intended only for general giudance in the application of our products. It has been obtained by careful investigation and represents the present state of our knowledge and experience. Because of the large number of possible methods of applications and processing we are not able to assume responsibility in any one particular case for either the technical results or the patent rights situation applicable to the country under consideration.