



ERBA ISOLANTI srl

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DATA: 21 Lug 97	TRAFOPRESSPAN - SHEETS PRESSPAN OF PURE CELLULOSE FIBRES PSP3050 DIN 7733 and IEC 641	Codice P3050
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		Gruppo A

DESCRIPTION

Trafopresspan manufactured with 100% sulphate cellulose with high chemical purity.
It is produced only in natural colour.

Its high grade insulating and mechanical properties are based upon use of very selected raw materials and severe control of the manufacturing process. It shows great resistance to effects produced by transformer oil and high temperature.

APPLICATIONS

For oil cooled transformers and switches, running with mineral oil and MIDEI.

Production of shaped parts, spacers, caps, rings, etc., punched parts, gaskets, winding coils for small transformers.

INSULATION CLASS: A (105°C) sec VDE 0530 PART 1

TECHNICAL PROPERTIES

Tests according to DIN 7733	UNIT	VALUES	Standard
Conductivity of aqu. extract	η S/cm	100	DIN 7734
Tensile strength - MD	N/mm ²	≥ 80	DIN 7734
Tensile strength - CMD	N/mm ²	≥ 55	DIN 7734
Elongation - MD	%	≥ 6	DIN 7734
Elongation - CMD	%	≥ 8	DIN 7734
Electrical strength	kV/mm	≥ 10	DIN 7734
Ash content	%	≤ 2	DIN 7734
Moisture content	%	≤ 8	DIN 7734
Density	g/cm ³	1,20 - 1,30	DIN 7734
Storage conditions		dry rooms	
Storage in		orig. packaging	

SPECIFIC PRESSBOARD PROPERTIES

	UNIT	VALUES
Melting point	---	none
Coefficient of linear thermal expansion	k ⁻¹	5×10^{-6}
Thermal conductivity	W/(m • K)	0,45
Dielectric constant	---	4,1 - 4,4
Specific volume resistance	$\Omega \bullet \text{cm}$	$10^{14} - 10^{15}$

AVAILABILITY

Thickness: 0,1 ÷ 4 mm 1 layer. Glued for thickness above and up to 20 mm.
Sizes: 1.000 x 2.100 mm abt - 1.000 x 1.050 mm abt - 1.000 x 700 mm abt
Pallets: Kg 500

Tolerances on thicknesses:

Thickness	mm	0,80	1,00	1,50	2,00	2,50	3,00	3,50	4,00
Tolerance	mm	$\pm 0,05$	$\pm 0,07$	$\pm 0,10$	$\pm 0,10$	$\pm 0,12$	$\pm 0,15$	$\pm 0,20$	$\pm 0,20$

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