

Technical Data



PUCARO

Triflexil 5-M; 2-ply

Combined flexible insulating material

Features:

- **Insulation class B** (130°C) in accordance with IEC 60085
- Combined flexible insulating materials in accordance with IEC 626-1 consisting of two layers:
One layer: Polyester film in accordance with IEC 674
Sec. layer: Special presspaper type P 6.1 in accordance with IEC 641-1

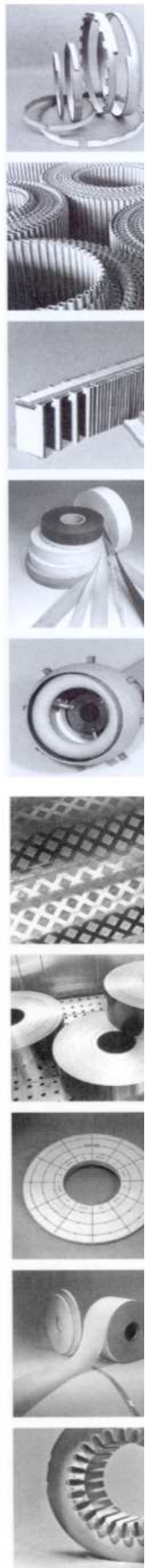
Application:

- Slot insulation, slot closure, layer insulation
(see our "Kreppisol" data sheet for overhang and interphase insulation)
- Presspaper with good absorbency for impregnation varnishes and impregnating or trickle resins of all insulation classes, thus providing excellent bonding of all winding components
- Smooth surface therefore good machineability

Available:

- In rolls: appr. 630 or 1260 mm width
- In strips: minimum width 4 mm
- Available thicknesses: 0,07 to 1,0 mm
- In sheets from rolls: appr. 630 mm x 800 mm or
appr. 800 mm x 1260 mm
- Special grades on request

PUCARO ELEKTRO-ISOLIERSTOFFE GMBH



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Material Properties:

	Prüfnorm	Probenvor- behandlung	Unit/ tolerance	5 M-2ply (0,10mm)	5 M-2ply (0,20mm)	5 M-2ply (0,25mm)	5 M-2ply (0,30mm)	5 M-2ply (0,45mm)
Thickness	IEC 626-2	Standard atmosph. 23/50	mm ±15%	0,10	0,20	0,25	0,30	0,45
Film thickness	IEC 626-2	Standard atmosph. 23/50	µm	50	50	50	50	50
Weight per unit area	IEC 626-2	Standard atmosph. 23/50	g/m ² ±15%	120	270	320	473	590
Tensile strength MD Tensile strength CMD	IEC 626-2	Standard atmosph. 23/50	min. N/mm ²	100 90	90 60	90 60	100 60	100 60
Elongation MD Elongation CMD	IEC 626-2	Standard atmosph. 23/50	min. %	2,5 12	3 10	3 12	3 12	4 13
Dielectric strength unfolded	IEC 626-2	Standard atmosph. 23/50	min. kV	9	9	9	9	10

The above values, which have been determined by careful tests, provide only general information. PUCARO has implemented several programs to assure the highest quality and reliability of this product. However, no responsibility is assumed for its use.

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All data are subject to technical alterations

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