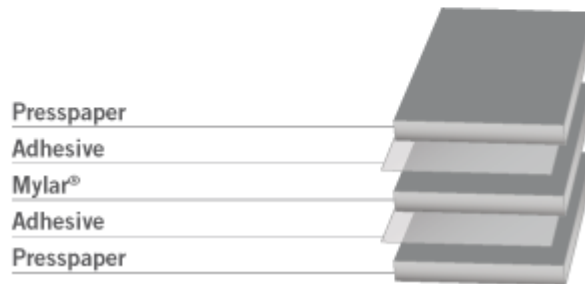


Flexible Laminates

Triflexil® 4M; 3-ply

Characteristics

- PUCARO Triflexil® 4M; 3-ply is a flexible multilayer insulation material acc. to IEC 60626 and resistant to temperatures up to 130°C
- Insulation class B (130°C) according to IEC 60085
- 3-ply combination consisting of one inner layer of Polyester (F-PET) and two outer layers of highly compressed presspaper type 6.1 according to IEC 60641
- Flat surface therefore good machine processability
- The presspaper outer layer absorbs trickle and impregnation resins very well, therefore excellent connection of all winding components



Form of delivery

PUCARO Triflexil® 4M; 3-ply is available in rolls, sheets and strips in the following dimensions:

- In rolls: max. 1.340 mm untrimmed, max. 1.310 mm trimmed
- In strips: min. 4 mm width
- In sheets: 630 mm x 800 mm, or 800 mm x 1.260 mm

Other dimensions upon request.

Material properties

	Standard	Sample conditioning	Triflexil® 4M-3ply (0,15mm)	Triflexil® 4M-3ply (0,20mm)	Triflexil® 4M-3ply (0,25mm)	Triflexil® 4M-3ply (0,30mm)	Triflexil® 4M-3ply (0,35mm)	Triflexil® 4M-3ply (0,45mm)	Triflexil® 4M-3ply (0,50mm)
Thickness tolerance	IEC 60626-2	Standard atmosphere 23/50	± 15%	± 15%	± 10%	± 10%	± 10%	± 10%	± 10%
Nominal thickness	IEC 60626-2	Standard atmosphere 23/50	0,15mm	0,20mm	0,25mm	0,30mm	0,35mm	0,45mm	0,50mm
Weight per unit area of laminate	IEC 60626-2	Standard atmosphere 23/50	190g/m ²	240g/m ²	320g/m ²	380g/m ²	435g/m ²	560g/m ²	630g/m ²

Flexible Laminates

Triflexil® 4M; 3-ply

Foliendicke	IEC 60626-2	Standard atmosphere 23/50	36µm	36µm	36µm	36µm	36µm	36µm	36µm
min. tensile strength MD	IEC 60626-2	Standard atmosphere 23/50	120N/mm ²	120N/mm ²	100N/mm ²	100N/mm ²	100N/mm ²	105N/mm ²	100N/mm ²
min. tensile strength CMD	IEC 60626-2	Standard atmosphere 23/50	80N/mm ²	70N/mm ²	60N/mm ²	70N/mm ²	70N/mm ²	65N/mm ²	65N/mm ²
min. elongation MD	IEC 60626-2	Standard atmosphere 23/50	5%	5%	5%	5%	5%	5%	5%
min. elongation CMD	IEC 60626-2	Standard atmosphere 23/50	10%	10%	10%	10%	10%	10%	10%
min. dielectric strength, unfolded	IEC 60626-2	Standard atmosphere 23/50	10kV	10kV	10kV	10kV	10kV	10kV	10kV

Legal notice

Although the above values have been determined by conscientious testing, they provide only general guidelines. PUCARO has implemented several programs to assure the highest quality and reliability of this product. Due to the wide range of applications, however, no responsibility can be assumed.
All data are subject to technical alterations!

Application area

Motor & Generator