

Laminates

Myoflex® PF

- ▶ Class F (155°C)
- ▶ Absorbs well impregnation resins and varnishes

General description

Myoflex® PF is a three-ply flexible laminate made of soft PET felts and PET film bonded with a synthetic resin. It is not fully saturated.

Application

Myoflex® PF is suitable for electrical insulation of motors and transformers with a maximum operating temperature of 155°C. It is particularly suitable as phase insulation for end windings. It may be used as an intermediate layer in transformers.

Typical Properties

PF	DMD		Pet	Weight	Yield	Tensile Strength		Breakdown Voltage		
	Unsaturated	tol.				N/cm (DM)	N/cm (TM)	kV		
mm	mils		µm	g/m ²	m ² /Kg					
0,28	6/2/6.	± 10%	50	145,0	6,90	> =	100	80	> =	5
0,31	6/3/6.	± 10%	75	180,0	5,55	> =	120	100	> =	6
0,33	6/4/6.	± 10%	100	215,0	4,65	> =	150	135	> =	14
0,36	6/5/6.	± 10%	125	250,0	4,00	> =	210	180	> =	16
0,42	6/7,5/6	± 10%	190	340,0	2,94	> =	300	270	> =	18

Main characteristics

Measured values are in compliance to IEC standard 626-2, and thermal class rating is according to IEC 216 and IEC 85.

Processing

Myoflex® PF can be applied manually or with modern automatic insertion machines. This product can easily be cut, sheared, bent or moulded.

Shelf life

Myoflex® PF has to be stored in a cool dry place; under such conditions the shelf life is unlimited.

Form of delivery

Myoflex® PF is supplied as follows:

- in 50 or 100 kg and 935(untrimmed) mm wide on 76mm ID core: maximum roll diameter 480mm.

Can be also supplied as slit rolls, minimum roll width is 10mm and 350mm diameter.

Slitting tolerance +/- 0.2mm

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