

## PRODUCT INFORMATION

# POLY ELE POLY

## PRODUCT DESCRIPTION

Poly Ele Poly 2.5.2 is a 3-ply flexible electrical insulating material consisting of a high-grade cotton presspaper laminated in between two polyester films with a high temperature adhesive.

## APPLICATION

Poly Ele Poly 2.5.2 is an ideal material to be used for slot and overhang insulation in electric motors. PEP 2.5.2 is a mechanically strong material and is able to withstand the rigours of automatic insertion, punching and creasing without major loss of electric strength.

## TECHNICAL INFORMATION

Properties	Units	PEP 252	Test method
Nominal thickness	mm	0.240 ± 0.025	IEC 60626-2
Area weight	Gm <sup>2</sup>	304 ± 23	IEC 60626-2
Polyester film thickness (face)	µm	50	IEC 60626-2
Polyester film thickness (backing)	µm	50	IEC 60626-2
Cotton press paper thickness	µm	130	IEC 60626-2
Thermal class	-	E (120C)	IEC 60085
Breakdown voltage as received	kV	≥ 15	IEC 60626-2
*shelf life (20C)	Months	24	-