



## INSULATING FISH PAPER

THIS HIGH-QUALITY PRODUCT PROVIDES EXCELLENT PROTECTION AND INSULATION FOR YOUR ELECTRICAL COMPONENTS. WHETHER YOU ARE WORKING ON DIY PROJECTS OR PROFESSIONAL INSTALLATIONS.



**FISH PAPER IS A TWO-LAYER FLEXIBLE COMPOSITE MATERIAL, PRODUCED BY B CLASS ADHESIVE TO ADHERE INSULATION PAPER WITH POLYESTER FILM TOGETHER**

- TWO LAYERS: POLYESTER FILM BONDED WITH INSULATING PAPER.
- BASE LAYER: 100% SULPHATE WOOD PULP PRESS PAPER
- OUTER LAYER: POLYESTER FILM(PET) FOR ELECTRICAL PURPOSES

### **ADVANTAGES OF THE FISH PAPER:**

- OUTSTANDING DIELECTRIC PROPERTIES
- FISH PAPER HAS GOOD MECHANICAL STRENGTH BECAUSE IT'S FIBROUS
- RETAINS GREATER FLEXIBILITY THAN PLASTICS AT LOW TEMPERATURES

### **FEATURES OF THE FISH PAPER:**

- WIDTH: 10 TO 1,300mm
- THICKNESS: 0.08-0.45mm
- FORM: ROLL, SHEET, STRIP
- COLOUR: BLUE, CYAN, BROWN. SPECIAL COLOURS CAN BE PROVIDED ON REQUEST.
- THREE OR FOUR LAYERS CAN BE PRODUCED ON REQUEST.
- THE INSULATION SYSTEM HAS BEEN APPROVED BY UL (NO.: E310670)

CONTINUES...

TECHNICAL PARAMETERS													
PROPERTY		UNIT	SPECIFICATIONS										
THICKNESS		Mm	0.1	0.13	0.15	0.18	0.2	0.3	0.35	0.4	0.45	0.5	0.6
TOL OF THICKNESS		%	+/- 15						+/- 10				
NIMIN. GRAMMAGE		g/m <sup>2</sup>	115	155	190	215	250	300	370	430	490	610	730
PET FIL THICKNESS		um	23										
TENSILE STRENGTH	MD	N/10mm	90	100	135	150	180	220	270	300	360	450	540
	CD		60	70	90	100	120	140	180	200	240	300	360
BREAKDOWN VOLTAGE		Kv	6										
TEMPERATURE INDEX		-	120										

#### APPLICATIONS :

ELECTRICAL INSULATION CLASS E FISH PAPER IS USED AS :

- SLOT, PHASE, TURN-TO-TURN AND LINER INSULATION IN CLASS E/B MOTOR,
- BATTERY PACKS AND
- ELECTRICAL APPLIANCES.

END