



CREPE PAPER



Trust Us to **Insulate Better**



Crepe Paper Division



Raajratna Ventures Ltd.

AN ISO 9001:2015 Certified Company



Raajratna Group History

Raajratna Ventures Limited is part of Raajratna group of companies having annual sales of 2000 Cr. Raajratna group is established in year 1990 engaged into manufacturing various products like Stainless steel wire, Stainless steel bars, Stainless steel Fasteners, Stainless steel pipes, Welding consumables, Solar modules and Aluminium profiles.

Raajratna Ventures Limited Company Profile

FASTENERS DIVISION:

We have set up the manufacturing plant of stainless steel fastener in year 2005, our installed capacity is 10,000 Mt per annum. We export 75% of our production. We have very strong dealer distribution network in Indian market. We are one of the leading supplier of reliable and trusted product in our segment of business. We are ISO 9001:2015 certified company.

TUBE DIVISION:

We have set up the manufacturing of stainless steel pipes and tubes in year 2010, our installed capacity is 10,000 Mt per annum. We export 30% of our production. We have very strong customer base in India market. We are one of the leading supplier of reliable and trusted product in our segment of business. We are ISO 9001:2015 certified company.

SOLAR DIVISION:

We have set up the manufacturing of solar modules year 2010, our installed capacity is 100 MW per annum. We have very strong customer base in India market. We are one of the leading supplier of reliable and trusted product in our segment of business. We are ISO 9001:2015 certified company. **We are also certified from MNRE, UL certified IEC 61215, IEC 61730 Part I & II and IEC 61701 and IEC 61853-1.**

CREPE PAPER DIVISION:

We have installed Paper processing unit of 1500 MT per year to manufacture various kind of crepe papers for different industries.

Raajratna Ventures Ltd. produces high quality insulation crepe papers. These papers are used in a wide variety of applications, manufactured to the highest international standards.

We manufacture Crepe Paper according to international specifications (IEC-60554-3.3), and we can produce tailor-made products as per customers' requirement

- Thermally upgraded Electrical Insulation Crepe / Kraft Paper (TUP) Confirming - IEC 60554 -3 -3 and IS 9335 Part 3 / section 3 1984.
- Electrical Insulation grade Confirming - IEC 60554 -3 -3 and IS 9335 Part 3 / section 3 1984.
- Semi Conducting Crepe Paper (Black)
- Fiber Reinforced Kraft Paper

We have capability to manufacture crepe paper having stretch from 10% to 125%. We supply electrical insulation grade material with core ID 50 mm and 75 mm.

We have experienced team having more than 20 years in same field.

Our crepe papers are produced from base papers weighing having thickness of 2mil to 6mil and have an elongation range of ,15 to 100% . Papers are available in master rolls of up to 1000 mm and in slit width from 20mm to 1000mm or as required by customer.

We have added new product varieties as below to our product range –

- 1) Thermally upgraded crepe paper – 2,3,4,5 Mil
- 2) Fiber reinforced craft paper - P. F. G. band (Fiber reinforced kraft paper)

FIELD OF APPLICATION:

Creped Papers are ideally suited to insulate irregular shapes and surfaces where a proper insulation can not be reached with flat papers. Specialities were developed for applications as magnet wire insulation, as layer insulation, in current transformers, in RIP bushings as shielding material.

Our strong and long-lasting crepe papers for extremely high voltages are the perfect choice to power up your business. Our paper is available in various reel sizes and thickness, so our customers get the perfect solution to suit their needs.

FEATURES

- Available in uncalendared finish.
- Standard reel width up to 1000 mm
- Very low ash content
- In accordance with IEC 60554-3-3, IS 9335

APPLICATION

- Extreme voltage RIP bushings
- Instrument transformers
- Power transformers- Distribution transformers
- Cables
- Any other customer specific application upon request possible

Insulation crepe paper for:

Distribution transformers



Bunch Wires & Cables



Power transformer



Current and potential transformer



Crepe paper made from extremely clean & pure pulp craft paper, Unique insulation properties to minimize power loss, produced as per precise customer specification and in accordance with IEC 60554-3.3 /IS 9335 part 3 sec 3 1984.

We have well established lab for testing in accordance with IEC-60554-3.3 . Each batch of production is tested during production for all specifications as per requirement to ensure best quality product and ultimate customer satisfaction.

BENIFITS

Highest paper purity in the market
Fewer joints due to various reel widths available
In house testing lab with all facilities as per IEC specification.

TECHNICAL SPECIFICATION OF ELECTRICAL GRADE CREPE PAPER:

Name of Test	Value As Per	Obtain Value				
	IEC 60554-3.3	2 mil	3 mil	4 mil	5 mil	6 mil
	Substance g/m ²	-	82	125	165	220
Hill Count per 10mm	8.00 - 20.00	15	15	14	12	8
Tensile Index, Nm/g - M.D.	39	72	74	75	74	77
Tensile Index, - C.M.D.	-	2.5	5.7	7	6.7	5.7
Elongation at Break % - M.D.	-	105	107	110	109	35
Elongation at Break % - C.M.D.	-	7.1	7.1	12	8.2	8.1
Moisture Content %	6.00 to 8.00	3.2	3.6	4.2	4.4	5.8
pH of Aqueous Extract	6.00 to 8.00	7.2	7.4	7.1	7.5	6.6
Conductivity of Aqueous Extract, ms/m	Max 10.00	5.6	5.9	6.1	6.3	5.1
Ash Content	Max 1.00	0.29	0.33	0.3	0.35	0.3

PACKAGING:

Electrical Insulation Grade : Jumbo Rolls : 50 to 100 kgs rolls will be properly packed in suitable materials.

Slitted Rolls : Packed in Carton Boxes weight up 30 Kg

In house Testing Facilities :



Tensile Strength Testing



pH Meter



Electronic Balance



Conductivity Meter



Thermal Furnace



Heating Mantle



Moisture Analyzer

Products and Packing :



S S Fasteners • S S Tubes • Solar Panel • Crepe Paper


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Manufacturer & Exporter of Crepe Paper

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