



ERBA ISOLANTI srl

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Everything for dry-casted resin transformers

**Safety,
From the generation of
electricity to its use**

The insulating system is the deciding factor in the reliability performance and service life for electrical machines and equipment. For such fundamental problems in electrical engineering, we can offer a variety of possibilities for solution from its extensive range of insulation materials all from one source.

Everything for dry transformer

LAMINATED FLEXIBLE INSULATING PRODUCTS

- Kraft paper - Polyester film - Kraft paper
- DM /DMD Saturated / Prepreg-B stage
- Nomex® - PET film,- Nomex® / ' - Nomex® -PET Film
- Kapton® - Nomex® / Kapton® / Nomex - ® Kapton®
- AKAFOL H – insulation cylinder

PAPER AND PRESSPAHN IN ROLLS 100% CELLULOSE

- Presspahn natural colour 3055

FLEXIBLE INSULATING PRODUCTS IN ROLLS

- Mylar® Du Pont UL / Polyester film
- Nomex® Du Pont UL / Aramid Paper
- Kapton® Du Pont UL / Poliimide film
- Non woven polyester : Felt

LEAD WIRE INSULATED WITH

- Mylar® - Nomex® - Polyester thread E-NX10
- Siwo Kul Kv 1,1-3,3/4,2-6,6-13,8

FLEXIBLE INSULATING SLEEVINGS - BRAIDED

- Glass yarn ins. with Silicon rubber class H/Expandable
- Glass yarn tubes resin varnished

PRESSURE ADHESIVE TAPES

- Transparent Polyester or Yellow
- Glass Reinforced Polyester
- Glass fabric class "B"- "F"- "H"
- Kapton Silicon adh. / Poliimide

WOVEN BANDING TAPES

- Cotton Red line/green line
- Polyester Heatsrinkable 0,12 -0,16 - 0,25
- Glass raw

NON WOVEN BANDING TAPES

- Acetate Film Reinforced . 1090/1490
- Glass tapes impregnated "B" stage Duroglass-Hyperten

PULTRUDED PROFILES :POLYESTER-GLASS FIBRE REINFORCED

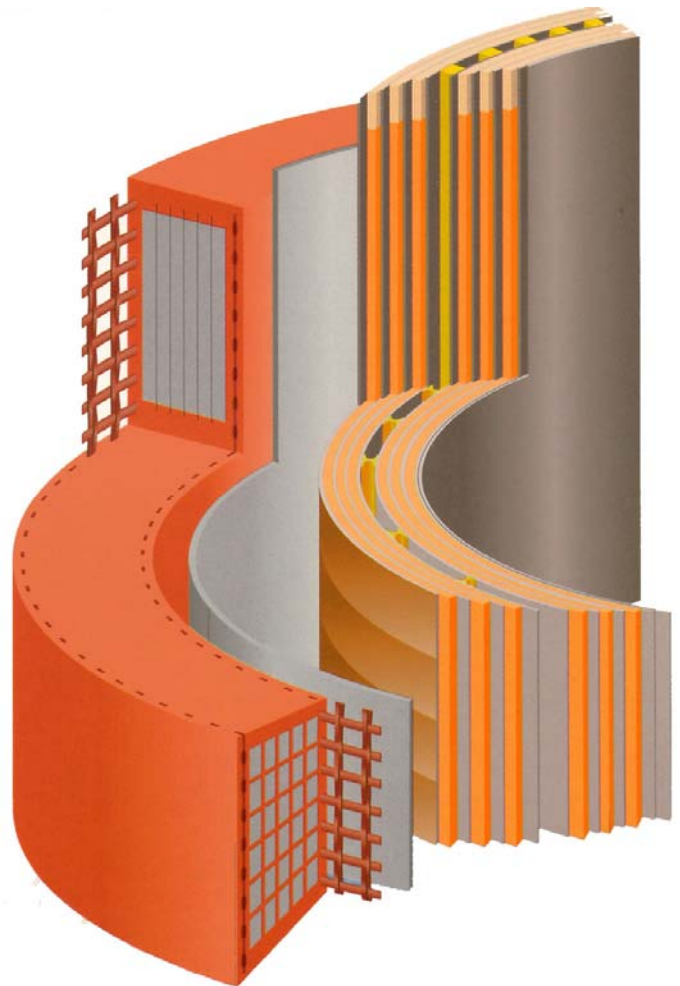
- Dog Bones, Corners, Round rods WACOSIT

CAST-RESINS STRENGTHENING FOR HIGH-VOLTAGE COILS:

- VERDUR GRBE

ELANTAS VARNISHES AND RESINS

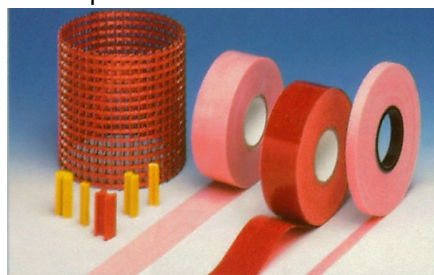
- ELAN-protect® VOC free : Epoxy or Polyester resins
- Dobeckan Polyester resins
- Epoxylite Epoxy resins
- Elmotherm Varnishes / Finishing products



Cast resin transformer



Components of the insulation



Low-voltage coil

