CAPATRANS
DESIGNED FOR TRANSFORMERS

www.capatrans.com

Kraft Paper

Kraft paper is one of the prime insulating materials for covering conductors in transformers and has high purity,mechanical and dielectric strength, It is perfect for double paper covering (DPC) applications. Compliant with IEC standards.

Product scope:

- Thickness: 0.05 mm to 0.125 mm
- Roll width: 1,500 mm
- Transformers
- Motors
- Capacitors

Cable Gland

A cable gland is a device attached to secure electrical equipment. cord grip, cable strain relief, cable connector, or cable fitting are other terms used for the cablegland.

- A1/A2 Industrial cable gland.
- BW Industrial cable gland.
- CW Industrial cable gland.
- E1 W/F Industrial cable gland.
- Single compression and Double compression cable glands.

Copper Lug

Copper cable lugs, often simply referred to as cable lugs, are essential components in electrical systems. They serve as connectors that join cables to various electrical devices, including terminals, switches, and other electrical equipment. These lugs are available in a wide array of sizes and types, each designed to cater to specific needs.

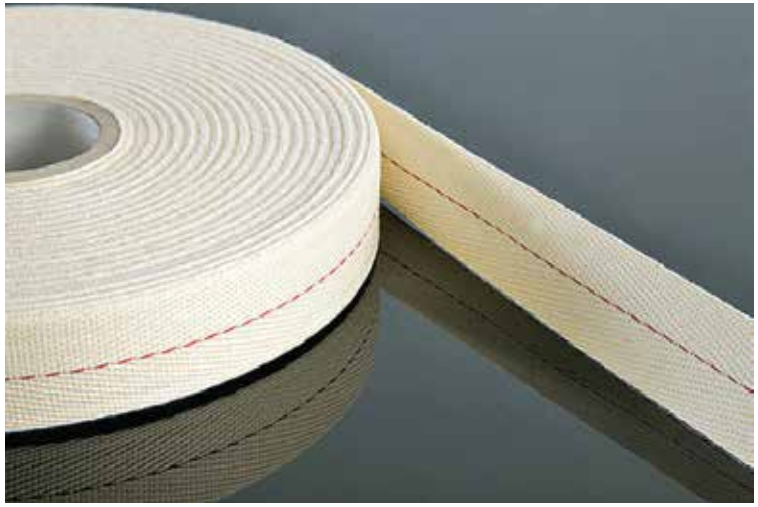
Cotton Tape

Cotton tape, also known as woven narrow fabric, plays a crucial role in transformer manufacturing and electrical applications. Cotton tape is made from strong, staple fiber cotton with natural twists.

Transformer Windings: Cotton tape wraps around armatures, field coils, and field coil

supports in transformers.
Cable Wrapping: It's used to wrap cables and provide insulation.

Sacrificial Use: In resin or shellac coating processes, cotton tape serves as a sacrificial item.



Webbing Tape

Webbing tape is a heavy weave herringbone fashion cotton tape without a tracer Webbing tape is made from cotton, which is strong due to its staple fiber nature and natural twist.

Insulation adhesive gum for transformer

Insulation gum for transformers is a type of adhesive used to bond insulation paper and other insulating materials in transformer manufacturing. It typically consists of polyvinyl alcohol (PVA) and is water-based, making it non-flammable and safe to use. This gum provides a protective barrier, safeguarding electrical components from moisture, dust, and other potential contaminants.

Crepe Paper

Crepe paper is a specialized insulation material used in transformer manufacturing. Used in oil-filled distribution transformers, power transformers, and instrument transformers.

Silver brazing rods

Silver brazing rods are commonly used in transformer manufacturing for joining metal parts. In transformer manufacturing, silver brazing is used for joining components such as conductors, terminals, and other metal parts.

Gate Valve

Gate valves are linear motion valves commonly used in various applications, including transformer manufacturing. Used in transformer pipelines for oil control and drainage.Also suitable for other industrial applications.

Fiberglass sleeves

Fiberglass sleeves play a vital role in transformer manufacturing. Used in transformer windings, motor coils, and other electrical components.Available in various diameters and lengths to suit specific needs.

Porcelain bushing with metal parts and accessories

Porcelain bushings are critical components in electrical networks, serving the essential role of bringing current at high voltage through a grounded barrier. Porcelain bushings provide electrical insulation and mechanical support for various applications, including transformers, traction systems, reactors, generators, and switcgear. They ensure safe and reliable current flow between different voltage levels.

Silica Gel Breather

Silica gel breathers are essential components in transformer systems. They prevent moisture from ambient air coming into contact with an electrical transformer's insulating liquid. Silica gel breathers contain hydrophilic (water-attracting) crystal or bead-shaped silica gel.Their primary function is to absorb moisture from the air surrounding the transformer during the breathing process.

Epoxy bushing

Epoxy bushings are commonly used in transformer manufacturing for their excellent insulating properties and durability. Epoxy bushings have an insulating core made of epoxy resin.Unlike traditional porcelain bushings, epoxy bushings are lightweight and resistant to cracking due to thermal shock

Oil Level Gauge – Prismatic

The Prismatic Oil Level Gauge (OLG) is a compact and visual indicator used in transformer applications. The OLG features a window glass with two vertical grooves.The prism effect created by these grooves allows clear visibility of the oil level from a reasonable distance.No external power source is required, and it is maintenance-free.

Oil Temperature Indicator - Stem Type:

The Prismatic Oil Temperature Gauge (OTI) is a valuable component used in transformer applications to monitor oil temperature. The OTI features a prismatic glass window with a scale indicating temperature.It is typically mounted on the transformer tank.The gauge provides a visual indication of the oil temperature.Available temperature ranges include -50°C to +150°C, -20°C to +140°C, 0°C to +150°C, and 0°C to +160°C.

Pressure Release Device with 2NO+2NC contacts:

A Pressure Release Device equipped with 2NO+2NC contacts is a valuable component used in various applications, including transformer systems. Pressure Relief: The device ensures that excess pressure inside the transformer tank is safely released.Contacts: The 2NO+2NC contacts allow for additional control or monitoring functions.

Radiator Valve

Radiator valves are essential components in heating systems, especially for traditional central heating radiators.

Cable termination kit

a crucial component for ensuring reliable and safe electrical connections These terminations are designed for medium and high voltage applications. They utilize cold shrink technology, which simplifies installation and ensures long-term performance in the field.

Key features:

- Reliable Sealing: The terminations offer a dependable sealing solution, even in confined work areas.
- Voltage Range: Covering a wide range of voltage levels from 5 kV to 145 kV.
- Custom-Engineered Kits: Streamline installations with custom-engineered kits tailored to specific project requirements.
- Advantages: Lightweight, easy to install, and suitable for harsh environmental conditions.

Copper Earth Rods

Reliable Grounding Solutions
Our Copper Earth Rods ensure superior grounding with excellent conductivity and corrosion resistance. Ideal for various applications, these rods provide long-lasting performance and easy installation.

Key Features
- High Conductivity: Pure copper for minimal resistance.
- Corrosion Resistant: Durable in harsh environments.
- Easy Installation: Time-saving and efficient.
- Versatile Applications: Suitable for commercial, industrial, and residential use.
- Standards Compliance: Meets industry safety and performance standards.

Applications
- Electrical substations
- Telecommunications towers
- Commercial and residential buildings
- Renewable energy installations
- Industrial facilities

Copper-bond earth rods

Driving Studs

Driving Studs

A Model
Earth rod driving stud.

B Model
Earth rod driving head/cap.

Couplings

A Model
Coupling round version, with knurling.

B Model
Coupling hexagonal version.

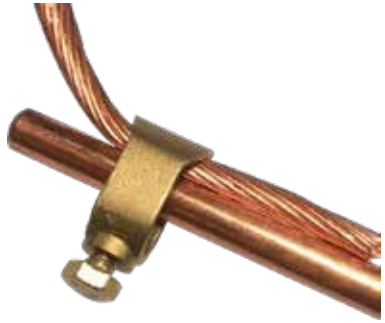
Couplings

A Model
Earth rod to cable or solid circular conductor clamp.

B Model
"U" bolt rod clamp.
Universal clamp for round to flat conductors or use on re-bars.

C Model
Earth rod to 25 x 3 mm tape conductor/strip.

D Model
Earth rod to cable clamp.



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