

CORK GASKET

Technoflex Rubber Products (An ISO 9001:2015 certified company) is located in Rubber Park, Airapuram, which has been organized for Design and Manufacturing of all type of Rubber, Polyurethane, Plastics Products and Metal Components.

When we believe innovation is the key component to remain as the market leader, we cannot refrain from introducing wide range and variety of Molded Rubber products and the moulds for manufacturing those components.

Cork Gasket is a mechanical seal which fills the space between two or more mating surfaces, generally to prevent leakage from or into the joined objects while under compression. We manufacture cork gaskets for oil cooled transformers, and seals for electrical switchgear.



Cork Gasket is the only solid which, when compressed on one side, does not increase in volume on another; and as a result of its elasticity it is able to adapt, for example, to variations in temperature and pressure without suffering alterations.

Various long term adverse effects on dielectric integrity such as:

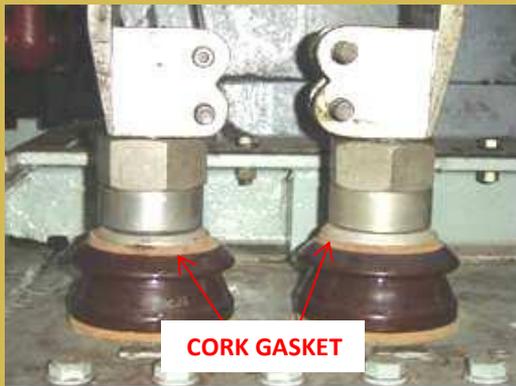
- *Excellent oil and heat resistant*
- *very wear resistant.*
- *Restrict bubble generation in the solid insulation during overloads.*



Cork Gaskets are very high performance sealing material designed to resist oils, fuels and gases. Different types of rubberized cork gaskets are used in the conventional and 3 phase electric locomotives mainly in transformer tank and bushings.

Advantages

- Tolerant to extreme surface finish conditions and high out-of-flatness flanges.
- Very low side-flow improving crush-out resistance.
- Conformable to flanges with higher “out-of-flatness” values, such as stamped steel and plastic covers.
- Lower bolt torques possible
- Smaller or Lower grade fasteners.
- Allows for components with less mass and more distortion.



The problem of oil leakage of transformer bushings and electrical switchgears are mainly due to the uses non specified gaskets during assembly.

The Cork Gasket is an ideal sealant for various types of applications, due to cork's recovery properties, which allows Rubberised Cork products to regain its original shape after compression, keeping its former shape, sealing and insulating properties. Cork is the only solid which, when compressed on one side, does not increase in volume on another; and as a result of its elasticity it is able to adapt, for example, to variations in temperature and pressure without suffering alterations.



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