Gasket Sheet - High Temperature

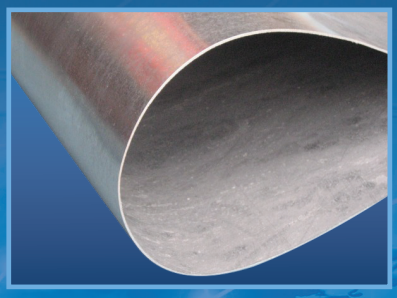
GraphFoil

GraphFoil is a graphite sheet with stainless steel foil insertion adhesive. Purity 99.8%. Chemical resistance is excellent with graphite sheet due to wide pH range. Compressibility is high, as the compatibility to conform easily to irregular sealing surfaces. Good resistanceto sudden changes of temperature. High resistance to media, particularly corrosive substances and chemicals. Excellent for steam applications. Available in 304 Stainless Steel and 316 Stainless Steel insertions.

GraphTang

GraphTang is a graphite sheet with stainless steel tanged insertion. Purity 99.8%. Chemical resistance is excellent with graphite sheet due to wide pH range. Compressibility is high, as the compatibility to conform easily to irregular sealing surfaces. Good resistance to sudden changes of temperature. High resistance to media, particularly corrosive substances and chemicals. Available in 304 Stainless Steel and 316 Stainless Steel insertions. A sturdy gasket material with excellent mechanical strength.

GraphTek 5130



GraphTek 5130 is a compressed proprietary fibre sheet, combining a high percentage of graphite, reinforced with aramid fibres and a NBR binder. An excellent gasket sheet for high temperature and pressure. It is produced under high load which ensures the material has very low gas leakage. Because of low tensile strength and low gas tightness, GraphTek5130 is much more restricted in application.

Micalit®

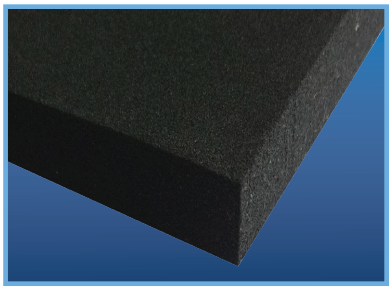
MICALIT is suitable for applications where temperatures of up to 1000°C can be reached. It is made from mica paper impregnated with a silicone binder. Mica is an aluminosilicate with lamellar, nonfibrous structure.Beside high temperature resistance, it also features a high chemical resistance to almost all media (exceptions are strong oxidizing chemicals) . Mainly used in hot dry gas applications such as Exhaust Manifolds, Gas Turbines, Heat Exchangers and Industrial Burners. Micalit is a material with high chemical and temperature resistance (up to 1000°C).

Other Cork/ Sponge Foam

Cork Sheet

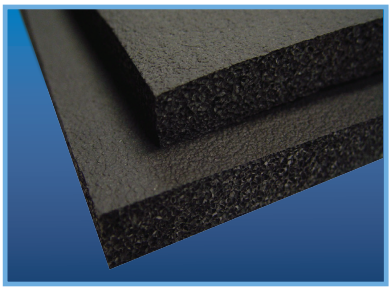
Cork Sheet material is manufactured with NBR binders. One of the main applications is transformers in the power service. It has a high compressibility and moderate resistance to most oils. Ideal where light bolt loads only are available and pressures are low. Pressed steel flanges and uneven surfaces are easily sealed due to the high deformation of the cork. Operating temperature of 120°C.

Neoprene Sponge Foam Sheet



Neoprene Sponge is an airtight and waterproof sponge which displays very good resistance to ageing, oil, alkalis, acids, solvents and a range of chemicals. Neoprene Sponge is a good general purpose material for seals, cushions and insulation. It is an excellent gasket material where long term sealing and moderate compression recovery is required. *

EPDM Sponge Foam Sheet



EPDM Closed Cell Sponge has excellent weathering ability with superior resistance to UV, ozone and oxidation. It also has good resistance to oil, ageing, solvents and many other chemicals. EPDM Sponge is a good general purpose material for seals, cushions and insulation in outdoor applications. It is an excellent gasket material where long term sealing and moderate compression recovery is required. *

* Available in thicknesses from 1.5mm to 40mm
* Available in Sheet / Strips / Tape / Cut to specifications

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