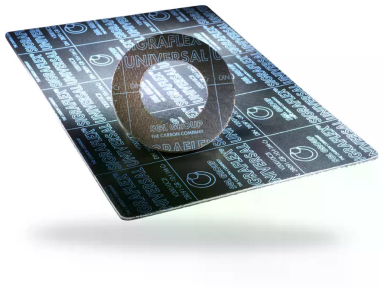
RELY ON EXCELLENCE

Statotherm 9593/5pro

Packings & Gaskets | Graphite gasket sheets



Features

Statotherm 5pro 9593/5pro an adhesive-free graphite gasket sheet made from flexible graphite foil reinforced with one or two stainless steel 316 tanged inserts. The gasket sheet is impregnated to improve handling and reduce leakage. Equates to the SGL Sigraflex Universal Pro.

Advantages

- Good compressive strength
- Outstanding oxidation resistance
- High seal tightness to reduce emissions

Operating range

Pressure: p = 100 bar

Temperature

- Continuous operation:
  t = -250 °C ... +450 °C
- Steam: tmax = +550 °C
- Recommended surface roughness RZ = 12.5 ... 50 µm

Chemical resistance:
pH = 0 ... 14
Resistant to almost all organic and inorganic acids, alkalis, oils and solvents. Not suitable for use in highly oxidizing media or in elementary fluorine, bromine, sulfur trioxide or ozone (03) > 150 °C.

Standards and approvals

- TA Luft
- BAM (upon request)
- DVGW
- Fire-safe (API 607)
- Blow-out resistance (TÜV Süd)

Recommended applications

Industries

- Petrochemical industry
- Chemical industry
- Refineries

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.