



per una tenuta perfetta

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CF3031 TECHNICAL DATA SHEET

CF3031 is a gasket made by high purity virgin ptfе loaded with a special fiberglass and a specific additive. This gasket in addition to a combination of excellent resistance to all chemicals except hydrofluoric acid, reduces the main effects typical of PTFE: creep and cold flow ensures high mechanical properties and high compressibility and elongation.

It's suitable for a wide range of fluids, acids and strong bases, steam, hydrocarbons and chlorinated solvents. It can also be used on lines of plants for food and pharmaceutical industries.

It can be supplied in sheets and gaskets according to norms DIN-ANSI for flanges male/female, RF, FF, and with a drawing for exchanger.

Is particularly suitable for the optimal values of springback and the static sealing at high temperature.

CHARACTERISTICS

Materials:

-) Modified virgin ptfе loaded with fiberglass and metal oxides

Colour:

-) Blue

Resistance:

-) Chemical pH 0 – 14
-) Temperature from – 210 °C to + 260 °C
-) Pressure max 50 Bar

Density:

-) 2.25 g/cm³ (ASTM D792)

Tensile strength:

-) 17 MPa (ASTM D1457)

Elongation:

-) 300 % (ASTM D1457)

Loss rate:

-) < 0.001 mg/(s*m) (DIN 28090 – 2)

Hardness (Shore):

-) Shore D 65 (ASTM D2240)

Compressive strength:

-) 7.00 N/mm² at 1% of deformation (ASTM D695)

Deformation under load (ASTM D621):

-) Total (P) 9.00 %
-) Total (T) 12.00 %
-) Permanent (P) 7.00 %
-) Permanent (T) 4.50 %

Gasket factor (ASTM):

-) m factor 3.5
-) y factor 6500 psi (44.8 MPa)

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