



EPDM RUBBER GASKET TECHNICAL DATA SHEET

EPDM (ethyl propylene diene) rubber gaskets have excellent resistance to weathering, ozone, diluted acids and chemicals in general. Good mechanical properties. Maximum operating temperature 120°C.

Shore A hardness 70 ± 5.

CF Service EPDM rubber gasket are VDI2440 Ta-Luft approved

Hardness:

-) 70 Shore A (UNI 4916)

Specific gravity:

-) 1.30 g/cm³ (UNI 7092)

Breaking load:

-) 6 MPa (UNI 6065)

Elongation:

-) 15 N/mm (UNI 4914C)

Resistance to ozone:

-) elongation: 10% (72h)

-) concentration 50ppm 20°C: undamaged

Temperature range:

-) air (static use -20 °C +120 °C; dynamic use -20 °C +70 °C)

-) oil (static use NO; dynamic use +80 °C)

-) water (static use + 95 °C; dynamic use +80 °C)

Gasket factor (ASTM):

-) for elastomers with hardness less than 75 Shore m=0.50 y=0.00 psi

-) for elastomers with a hardness greater than or equal to 75 Shore m=1.00 y=200 psi

-) for reinforced elastomer m=1.25 y=400 psi

Approvals:

-) VDI2440 Ta-Luft

Developed: Technical Dept.

Approved: D.G.