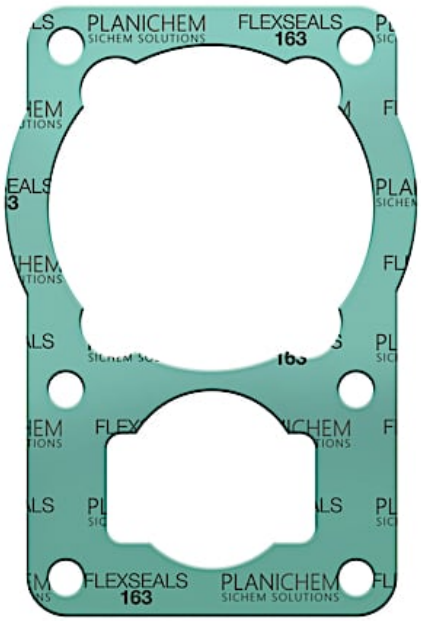
PLANICHEM
SICHEM SOLUTIONS

FLEXSEALS 163



FLEXSEALS® 163 is an asbestos-free gasketing sheet made of compressed organic fibre, with NBR/SBR binders, designed for a wide range of applications in the petrochemical, chemical and industrial sectors, as well as in industries requiring specific sealing solutions.

Chemical and thermal resistance: This type of flat gasket is widely used in all industrial applications involving contact with most chemicals, oils and gases at moderate temperatures and low pressures.

Excellent workability: easy to die-cut and CNC-cut, ensuring precision even for complex geometries.

Temperature and pressure resistance: Flat gaskets made of compressed asbestos-free fibres, are suitable to withstand to moderate temperatures and pressures, as well as offering good chemical resistance.

Operating temperature: up to +140°C depending on fluid type, pressure and applied load.

Compressed fiber	Flexseals 163
Composition	Organic fibres with NBR/SBR binder
Minimum density DIN 28090-2	1.7 g/cm³
Maximum density DIN 28090-2	2.1 g/cm³
Maximum operating temperature	140 °C
Max recommended Peak Temperature	210 °C
Max operating pressure	7 Mpa
Leakage DIN 3535-6	0.1 mg*s-1*m-1
Residual Stress* 16h/175 °C Din 52913	20 Mpa
Compressibility ASTM F 36-J	5-15 %
Recovery ASTM F 36-J min.	50 %
ASTM OIL -IRM 903 5h/150 °C max ASTM F 146	10 %
ASTM FUEL B 5h/23 °C max ASTM F 146	15 %
Available sheets size	1500x1500 mm 1500x3000 mm
Available thickness	from 0.5 to 5 mm
Sheet size tolerance	50 mm
Thickness tolerance	10 %

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