

Champion Gasket

Style 59 Oil Premium

HIGH PRESSURE OIL APPLICATIONS COMPRESSED FIBRE GASKET



Compressed fibre jointing sheet with premium binders and fillers

Champion Style 59 Oil Premium is manufactured from premium grade fibre and compounded with specialized elastomers under special curing process to withstand the most exacting demands of oil related applications.

Champion Style 59 Oil Premium jointing sheets are developed for superior performance for severely critical applications and this quality is applicable to a wide range of duties with severe working conditions of temperature and pressure.

Applications: Champion Style 59 Oil Premium can be used as high-performance jointing sheet for high temperature and pressure applications related to oil, grease, lubricant, petrochemical, solvent applications.

Service Media: This gasket is recommended for distillates, oil refining, industrial processes with high contents of aromatic substances, sulphurous compounds, chloric hydrocarbons, phenols, refrigerants.

How Supplied:

Sheets, pre-cut gaskets, special density, thickness, shape or grade available on request.

Sheet ordering information

Available Sheet Sizes in mm (+/- 5%)	1600 mm x 4000 mm
	1500 mm x 2000 mm
	1600 mm x 2000 mm
	2000 mm X 6000 mm
Thickness (mm)	0.5 mm; 0.75 mm; 1.0 mm; 1.5 mm; 2.0 mm; 3.0 mm; 4.0 mm**; 5.0 mm**

Typical Physical Properties:

Description	Standard Specs	Typical Values
Density	DIN 28090-2	1.9-2.2 g/cm ²
Tensile Strength	IS 2712:1998	≥28 MPa /280 Bar (4061 psi)
Compressibility	ASTM F 36	7% to 10.5%
Stress Relaxation	@40 MPa/16 hr/300°C-IS 6210	≥30 MPa /300 Bar (4351 psi)
Gas Permeability	BS 7531	<0.5 cc/min
Recovery	ASTM F 36	≥50%
Ignition Loss	DIN 52911	≤25%



CHAMPION SEALS INDIA PRIVATE LIMITED SEALANT & GASKET INDIA PRIVATE LIMITED

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 Customer Care Number: +91 98201 71162
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TEMPERATURE

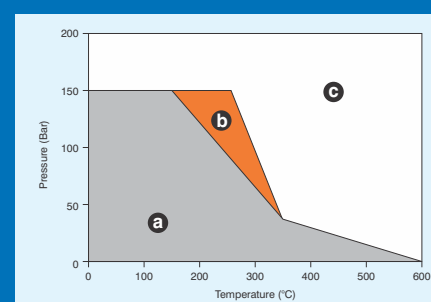
Maximum Continuous Service Temperature:
 550°C / 1022°F - Non Metallic
 600°C / 1112°F - Metallic



PRESSURE

Maximum Pressure:
 15 MPa / 150 Bar (2175 psi)
 - Non Metallic
 16 MPa / 160 Bar (2320 psi)
 - Metallic

CHAMPION STYLE 59 OIL PREMIUM GENERAL PURPOSE PRESSURE / TEMPERATURE LIMITS



Guidelines for application:

- Suitable subject to chemical compatibility.
- Suitable for short term temperature fluctuation or non critical application.
- For extreme service conditions, kindly consult Champion Technical Support.

APPROVALS / COMPLIANCE

Compliance with
 IS 2712 - 1998 Grade O/2 & W/2
 IS 2712 - 1971 Grade B/S

*Kindly consult Champion Technical Support for all critical applications.

**Available only in 1600 X 4000 / 1600 X 2000 mm