

Champion Gasket

Style 60 Acid / Chemical

COMPRESSED FIBRE GASKET FOR CORROSIVE APPLICATIONS

Compressed fibre jointing sheet with premium chemical resistant binders



Champion Style 60 Acid / Chemical is premium grade acid / chemical resisting gasket, which is intimately bonded with technical suitable premium raw materials to withstand the corrosive action of acids, alkali/chemicals.

Champion Style 60 Acid / Chemical jointing sheets are a price worthy quality of dependable performance, plus adaptability to many sealing requirements makes this 'ACID' Jointing the choice packing of plant engineers and maintenance men for last 6 decades, one of the largest selling product for CPI applications.

Applications: Champion Style 60 Acid / Chemical can be used as jointing for all acid and corrosion applications in Chemical Processing Industry.

Service Media: This gasket is recommended for corrosive media, hot concentrated organic, inorganic and mineral acids including hydrochloric, sulphuric and nitric acids (chemical industry conditions).

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	IS 2712: 1998	1.7 to 2.2 gm/cm ³
Tensile Strength	IS 2712: 1998	≥27 MPa /270 Bar (3916 psi)
Compressibility	ASTM F 36	7% to 12%
Stress Relaxation	@40 MPa16 hr/300°C-IS 6210	≥25 MPa /250 Bar (3626 psi)
Gas Permeability	BS 7531	<0.5 cc/min
Recovery	ASTM F 36	≥45%
Ignition Loss	DIN 52911	≤25%

Acid Resistance:

Thickness Increase	96% Sulphuric Acid : 18 hr	<8%
	65% Sulphuric Acid : 48 hr	<20%



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

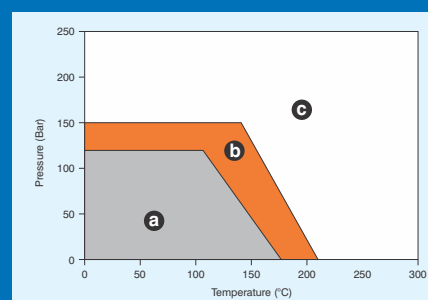
Maximum Continuous Service Temperature:
210°C / 410°F



PRESSURE

Maximum Pressure:
15 MPa / 150 Bar (2175 psi)

CHAMPION STYLE 60 ACID / CHEMICAL 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 A/1

*Kindly consult Champion Technical Support for all critical applications.

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