

# Champion Gasket

## Style 20 Red

### GENERAL PURPOSE COMPRESSED FIBRE GASKET



High grade fibre with fillers and binders

**Champion Style 20 Red CAF Gasket** is a consistently uniform and resilient product. A price worthy quality of dependable performance, plus adaptability to many sealing requirements makes this 'STEAM' Jointing the choice packing of Plant engineers and maintenance men for last 6 decades, one of the largest selling product in the world for gasket sheets.

**Champion Style 20 Red CAF Gasket** is available in non-metallic and also in metallic option i.e with steel wire reinforced gauze insertion and supplied with smooth anti stick Graphite finish on the top. This grade is produced in Red (non metallic) and graphited black color.

**Applications: Champion Style 20 Red CAF Gasket** can be used as jointing for general purpose, medium performance duties. Preferred as gasket for liquid and gases in low internal pressure and temperature. Suitable for flanges with low bolt loading conditions.

#### Typical Physical Properties:

Description	Standard Specs	Typical Values
Density	DIN 28090-2	2.0-2.2 g/cm <sup>3</sup>
Tensile Strength	IS 2712:1998	≥9.5 MPa / 95 Bar (1378 psi)
Compressibility	ASTM F 36	7% to 12%
Stress Relaxation	@40 MPa 16 hr/300°C-IS 6210	≥20 MPa / 200 Bar (2900 psi)
Gas Permeability	BS 7531	<0.5 cc/min
Recovery	ASTM F 36	≥42.5%
Ignition Loss	DIN 52911	≤20%

**Service Media:** Corrosive / non-corrosive gases, steam, condensate, water, air, oils, solvents and a wide range of other media (Low service 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%)	Thickness (mm)
1600 mm x 4000 mm	0.5 mm; 0.75/0.8 mm;
1500 mm x 2000 mm	1.0 mm; 1.5 mm; 2.0 mm;
1600 mm x 2000 mm	3.0 mm; 4.0 mm; 5.0 mm
2000 mm X 4500 mm	



#### TEMPERATURE

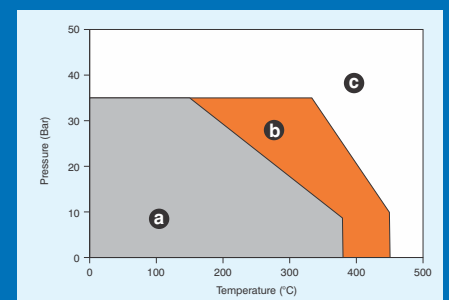
**Maximum Continuous Service Temperature:**  
380°C / 716°F - Non Metallic  
415°C / 779°F - Metallic



#### PRESSURE

**Maximum Pressure:**  
3.5 MPa / 35 Bar (507 psi)  
- Non Metallic  
4 MPa / 40 Bar (580 psi)  
- Metallic

#### CHAMPION STYLE 20 Red 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 - 1971 Grade C  
IS 2712 - 1998 Grade W/3

\*Kindly consult Champion Technical Support for all critical applications.



## CHAMPION SEALS INDIA PRIVATE LIMITED SEALANT & GASKET INDIA PRIVATE LIMITED

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