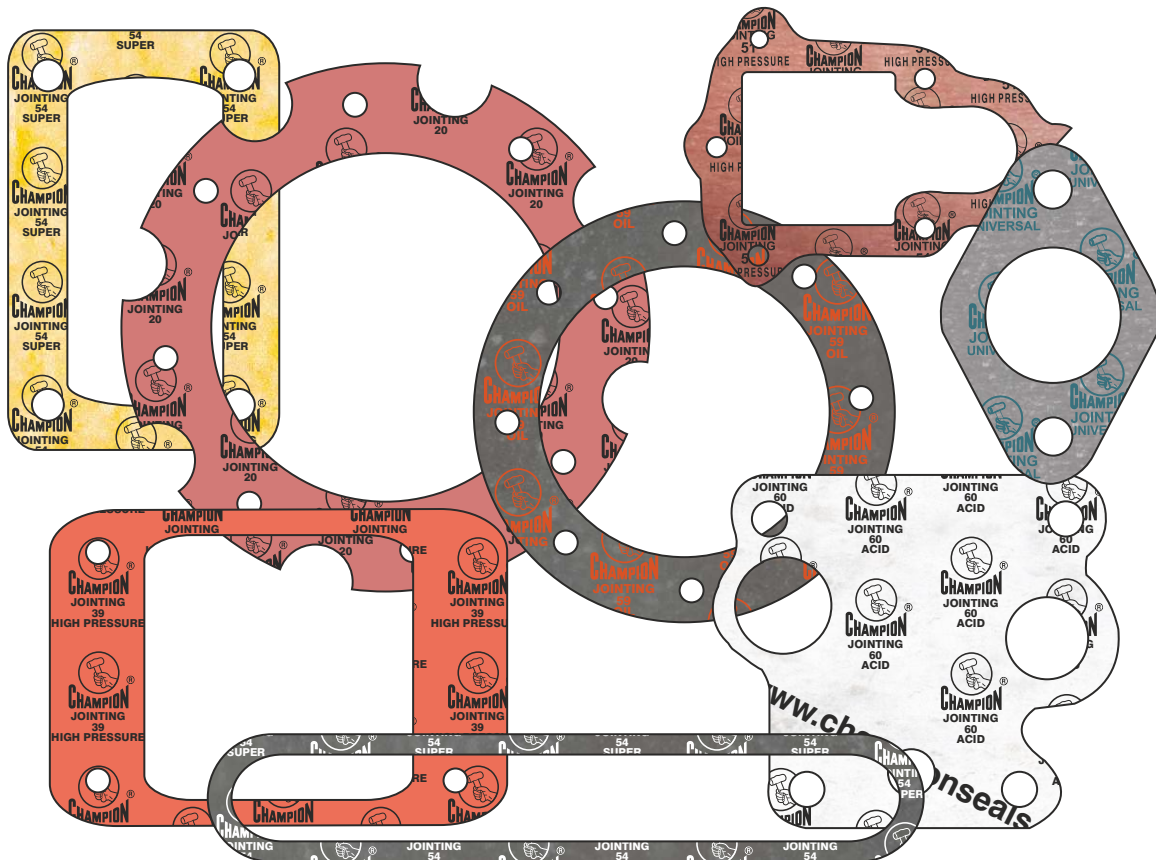
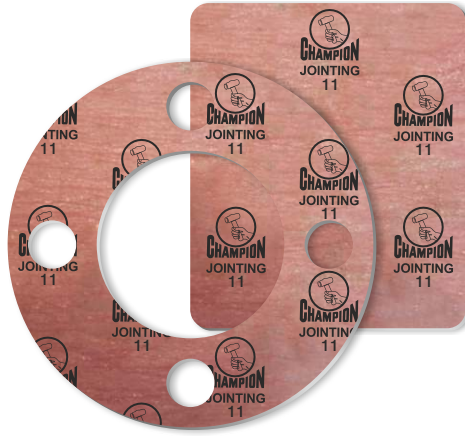




Champion CAF Jointing Sheets and Gaskets

The Original Champion  since 1959

CHAMPION STYLE 11 GASKET



Champion Style 11 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.

This grade is available in both non-metallic and metallic variants—featuring steel wire-reinforced gauze insertion—and is supplied with a smooth, anti-stick graphite finish on the top.

IDENTITY COLOUR: RED or GRAPHITED BLACK with Anti-Stick Coating

TEMPERATURE:

Maximum Continuous Service Temperature:

270°C / 486°F - Non Metallic

300°C / 572°F - Metallic

PRESSURE:

Maximum Pressure:

2.5 MPa / 25 Bar (362 psi) - Non Metallic

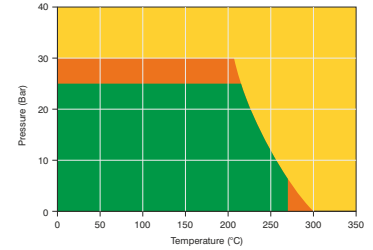
3.0 MPa / 30 Bar (435 psi) - Metallic

Specification Compliance:

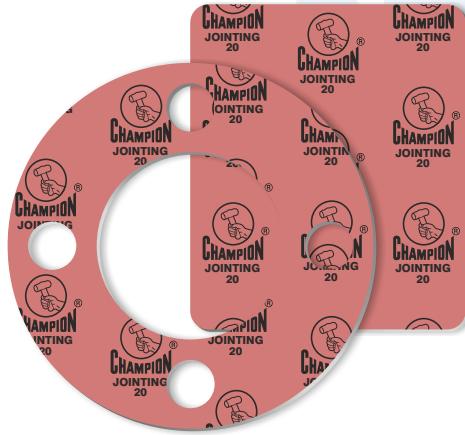
(IS 2712-1971 Grade C), (IS 2712-1998 Grade W/3)

Special Sheet Size:

1600 mm X 4500 mm



CHAMPION STYLE 20 RED GASKET



Champion Style 20 Red Gasket is a general-purpose jointing sheet suitable for medium-performance duties. It is preferred for sealing liquids and gases under low internal pressure and temperature conditions. Ideal for flanges with low bolt loading requirements.

IDENTITY COLOUR: RED or GRAPHITED BLACK with Anti-Stick Coating

TEMPERATURE:

Maximum Continuous Service Temperature:

380°C / 716°F - Non Metallic

PRESSURE:

Maximum Pressure:

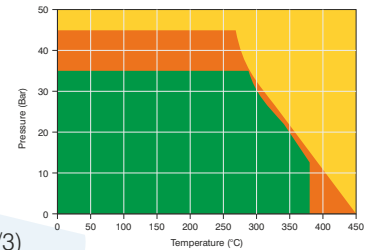
3.5 MPa / 35 Bar (507 psi) - Non Metallic

Specification Compliance:

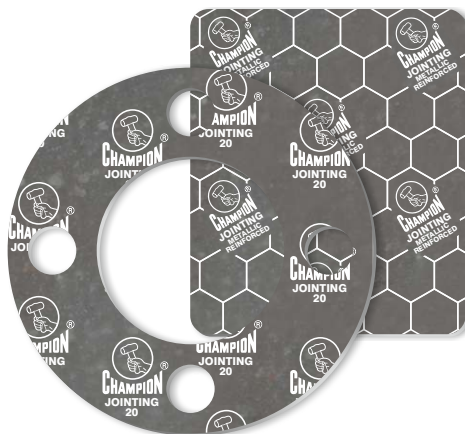
(IS 2712-1971 Grade C), (IS 2712-1998 Grade W/3)

Special Sheet Size:

2000 mm X 4500 mm



CHAMPION STYLE 20 METALLIC GASKET



Champion Style 20 Metallic Gasket is a steel wire-reinforced gauze insertion and is supplied with a smooth, proprietary anti-stick graphite finish on the top. This gasket is used for general-purpose steam and vapor applications.

IDENTITY COLOUR: GRAPHITED BLACK with Anti-Stick Coating

TEMPERATURE:

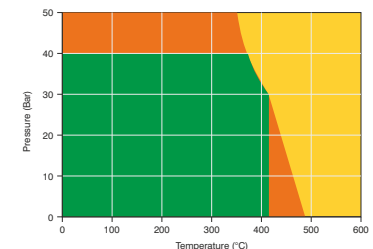
Maximum Continuous Service Temperature:

415°C / 779°F - Metallic

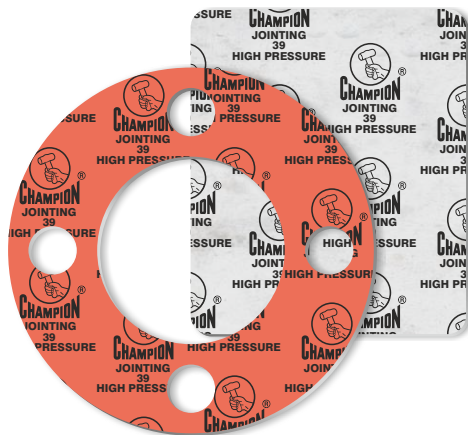
PRESSURE:

Maximum Pressure:

4 MPa / 40 Bar (580 psi) - Metallic



CHAMPION STYLE 39 OIL GASKET



Champion Style 39 Oil is a medium-performance jointing sheet suitable for high-temperature and high-pressure applications in petrochemical, distillate, refinery, and process industries. This grade is available in both non-metallic and metallic variants—featuring steel wire-reinforced gauze insertion—and is supplied with a smooth, anti-stick graphite finish on the top.

IDENTITY COLOUR: ORANGE/GREY or GRAPHITED BLACK
with Anti-Stick Coating

TEMPERATURE:

Maximum Continuous Service Temperature:

440°C / 824°F - Non Metallic

480°C / 896°F - Metallic

PRESSURE:

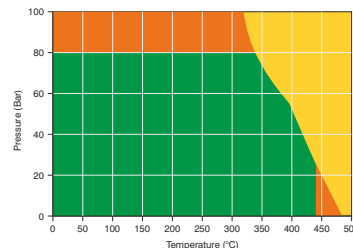
Maximum Pressure:

8 MPa / 80 Bar (1160 psi) - Non Metallic

10 MPa / 100 Bar (1450 psi) - Metallic

Specification Compliance:

(IS 2712-1998 Grade 0/2), (IS 2712-1971 Grade B),
(IS 2712-1979 Grade W/2), (BS 2815-1973 Grade B)



CHAMPION STYLE 51 HIGH PRESSURE GASKET



Champion Style 51 High Pressure Gasket is a medium-performance jointing sheet suitable for high-temperature and high-pressure applications in petrochemical, distillate, refinery, and process industries. This grade is available in both non-metallic and metallic variants—featuring steel wire-reinforced gauze insertion—and is supplied with a smooth, anti-stick graphite finish on the top.

IDENTITY COLOUR: BROWN/GREY or GRAPHITED BLACK
with Anti-stick Coating

TEMPERATURE:

Maximum Continuous Service Temperature:

440°C / 824°F - Non Metallic

480°C / 896°F - Metallic

PRESSURE:

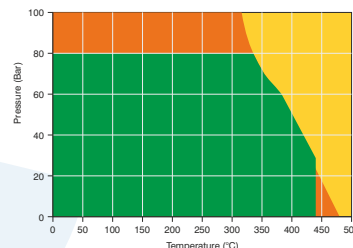
Maximum Pressure:

8 MPa / 80 Bar (1160 psi) - Non Metallic

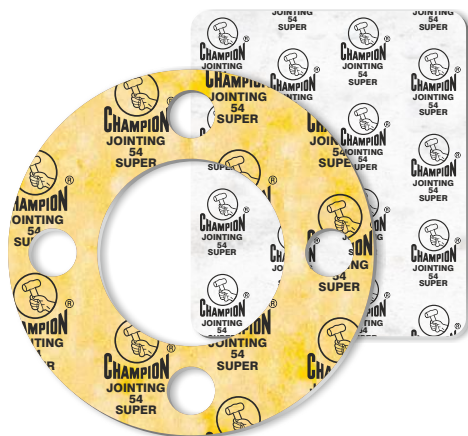
10 MPa / 100 Bar (1450 psi) - Metallic

Specification Compliance:

(IS 2712-1998 Grade W/2), (BS 2815-1973 Grade B)



CHAMPION STYLE 54 SUPER YELLOW GASKET



Champion Style 54 Super Gasket is a high-performance jointing sheet primarily used as a superheated steam gasket. It is the industry's preferred choice for demanding applications such as boilers, air separation units, petroleum distillates, oil refineries, diesel generators, marine engines, and more.

IDENTITY COLOUR: YELLOW/GREY or GRAPHITED BLACK with Anti-Stick Coating

TEMPERATURE:

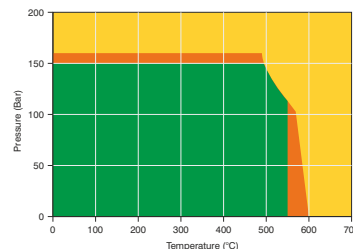
Maximum Continuous Service Temperature:

550°C / 1022°F - Non Metallic

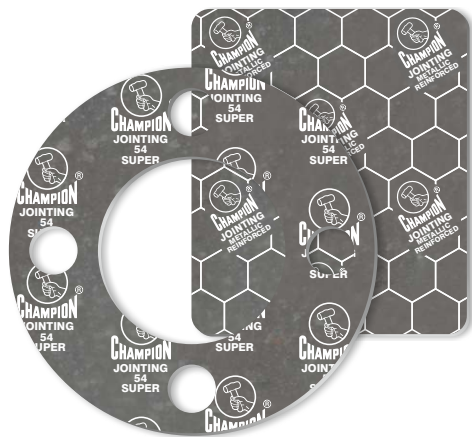
PRESSURE:

Maximum Pressure:

15 MPa / 150 Bar (2175 psi) - Non Metallic



CHAMPION STYLE 54 SUPER METALLIC GASKET



Champion Style 54 Super Metallic Gasket is a steel wire-reinforced gauze insertion (minimum 18 mesh x 30 gauge) and is supplied with a smooth, anti-stick graphite finish on the top. It is the preferred industry choice for high-temperature and high-pressure applications, and is popularly known as a boiler gasket.

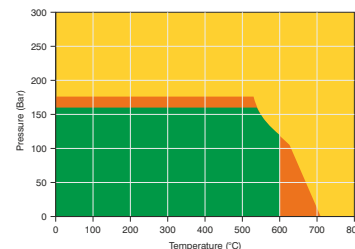
IDENTITY COLOUR: GRAPHITED BLACK with Anti-Stick Coating

TEMPERATURE:

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

PRESSURE:

Maximum Pressure:
16 MPa / 160 Bar (2330 psi) - Metallic



CHAMPION STYLE 55 UNIVERSAL GASKET



Champion Style 55 Universal Gasket is a high-performance jointing sheet engineered for extreme operating conditions. It is specifically designed to perform under fluctuating pressures, high thermal cycling, and environments where mechanical vibrations are prevalent. Ideal for applications with narrow flange widths, it offers superior sealing integrity and dimensional stability. It is the gasket of choice across critical industrial segments such as steam boilers, air compressors, cylinder head assemblies, and internal combustion engines, where reliability under stress is non-negotiable.

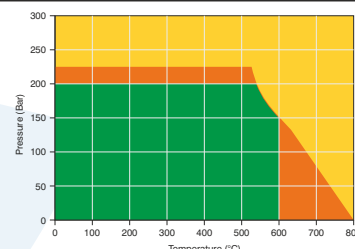
IDENTITY COLOUR: DARK GREY

TEMPERATURE:

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

PRESSURE:

Maximum Pressure:
20 MPa / 200 Bar (2900 psi) - Non Metallic



CHAMPION STYLE 55 UNIVERSAL METALLIC GASKET



Champion Style 55 Universal Metallic Gasket is a stainless steel wire-reinforced gauze insertion (minimum 18 mesh x 30 gauge) and is supplied with a smooth, anti-stick graphite finish on the top. It is preferred as a universal application gasket for high-temperature and high-pressure sealing in steam, vapor, and oil systems (excluding chemical applications).

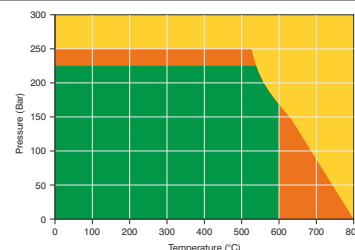
IDENTITY COLOUR: GRAPHITED BLACK with Anti-Stick Coating

TEMPERATURE:

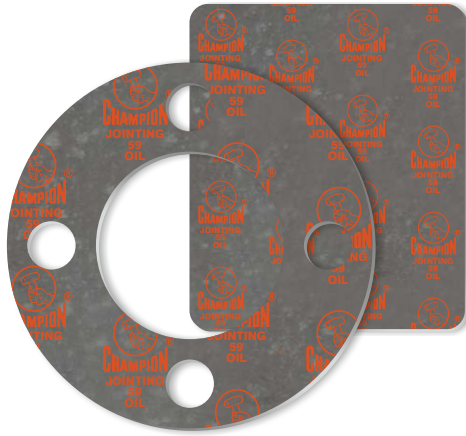
Maximum Continuous Service Temperature:
600°C / 1112°F - Metallic

PRESSURE:

Maximum Pressure:
22.5 MPa / 225 Bar (3260 psi) - Metallic



CHAMPION STYLE 59 OIL PREMIUM GASKET



Champion Style 59 Oil Premium is a high-performance jointing sheet designed for high-temperature and high-pressure applications involving oil, grease, lubricants, petrochemicals, and solvents. This grade is available in both non-metallic and metallic variants—featuring steel wire-reinforced gauze insertion—and is supplied with a smooth, anti-stick graphite finish on the top.

IDENTITY COLOUR: DARK GREY

TEMPERATURE:

Maximum Continuous Service Temperature:

550°C / 1022°F - Non Metallic

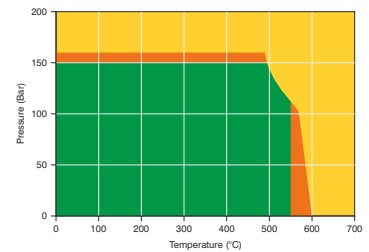
600°C / 1112°F - Metallic

PRESSURE:

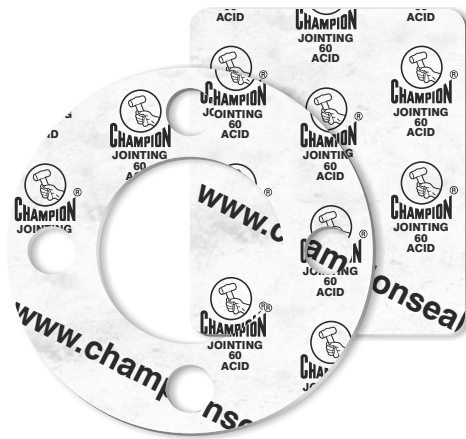
Maximum Pressure:

15 MPa / 150 Bar (2175 psi) - Non Metallic

16 MPa / 160 Bar (2320 psi) - Metallic



CHAMPION STYLE 60 ACID / CHEMICAL APPLICATION GASKET



Champion Style 60 Acid / Chemical is suitable for all acid and corrosion-resistant jointing applications in the Chemical Processing Industry. This 'ACID' jointing sheet has been the preferred packing choice of plant engineers and maintenance personnel for the last six decades, and is one of the best-selling products for CPI applications.

IDENTITY COLOUR: CREAM/LIGHT GREY

TEMPERATURE:

Maximum Continuous Service Temperature:

210°C / 410°F

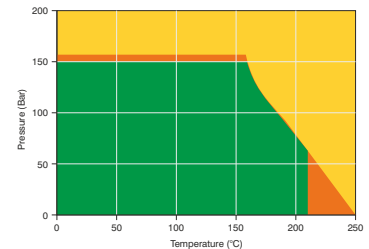
PRESSURE:

Maximum Pressure:

15 MPa / 150 Bar (2175 psi)

Specification Compliance:

(IS 2712-1971 Grade A/1)



TECHNICAL DATA SHEET

GASKET SHEET	TENSILE STRENGTH	STRESS RESISTANCE	COMPRESSIBILITY	RECOVERY	IGNITION LOSS	RECOMMENDED* MAX. TEMPERATURE	RECOMMENDED* MAX. PRESSURE
Champion Style 11	6.7 N/mm ²	20 N/mm ²	7.5-13.5%	≥40%	≤35%	270°C	25 Kg/sq.cm
Champion Style 20 Red	9.5 N/mm ²	20 N/mm ²	7.5-12%	≥42.5%	≤20%	380°C	35 Kg/sq.cm
Champion Style 20 Metallic	12 N/mm ²	20 N/mm ²	7-12%	≥45%	≤20%	415°C	40 Kg/sq.cm
Champion Style 39 Oil	18 N/mm ²	23 N/mm ²	7-12%	≥45%	≤22%	440°C	80 Kg/sq.cm
Champion Style 51 High Pressure	15 N/mm ²	23 N/mm ²	7-12%	≥45%	≤22%	440°C	80 Kg/sq.cm
Champion Style 54 Super Yellow	28 N/mm ²	28 N/mm ²	6.5-11.5%	≥50%	≤25%	550°C	150 Kg/sq.cm
Champion Style 54 Super Metallic	30 N/mm ²	30 N/mm ²	7-10.5%	≥50%	≤22%	600°C	160 Kg/sq.cm
Champion Style 55 Universal	33 N/mm ²	32 N/mm ²	7-11%	≥55%	≤23%	600°C	200 Kg/sq.cm
Champion Style 55 Universal Metallic	42 N/mm ²	34 N/mm ²	7-11%	≥55%	≤23%	600°C	225 Kg/sq.cm
Champion Style 59 Oil Premium	28 N/mm ²	30 N/mm ²	7-10.5%	≥50%	≤25%	550°C	150 Kg/sq.cm
Champion Style 60 Acid /	27 N/mm ²	25 N/mm ²	7-12%	≥45%	≤25%	210°C	150 Kg/sq.cm

Champion Metallic Jointing Sheets: When the operating temperature and pressure is critical, when the effective gasket area is small, we recommend Champion Metallic Wire Reinforced Gaskets for critical applications in boiler, power generation, steel plants, oil and gas refineries.

*Technical Notes: Information given in this brochure is based on general experience and is given in good faith. As the company's products are used for various application's and having no control over the application or use, the company excludes all warranties, expressed or implied as to their products or their fitness for any particular application. Any technical advice/suggestion is given for the customers assistance without liability on part of the company, whatsoever.