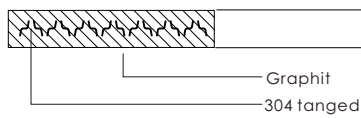


3564FG01_Graphite flat gasket, insert 0.1mm 304 tanged steel, special treatment, good temperature resistance performance, tightness stable, no aging.

Widely used in petroleum chemical industry, oil refining, shipbuilding, power station and utilities.



Gasket Properties



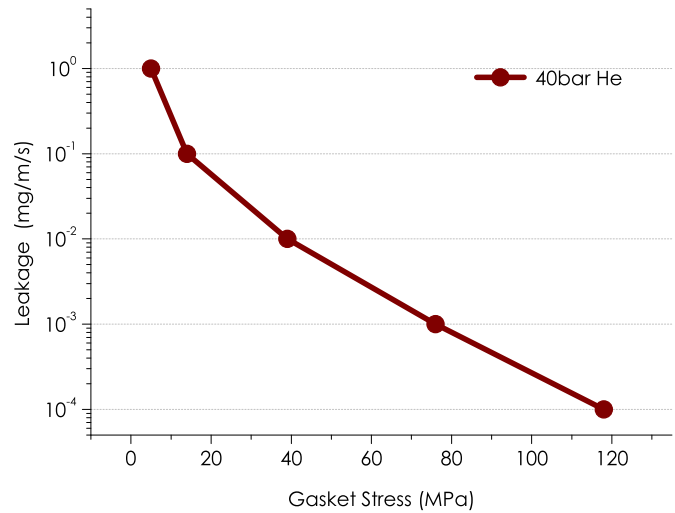
Properties	Value
Working pressure	Max. 100 bar
Working Temperature	Min. -196°C
Working Temperature	Max. +550°C ¹⁾
σ_{v0} (DIN 28090)	20 MPa
$\sigma_{v020°C}$ (DIN 28090)	140 MPa
σ_{bc} (DIN 28090)	120 (300°C) MPa
m (ASME)	2.5
y (ASME)	14.0 MPa
Flange Roughness (Ra)	3.2~6.3 μ m
Standard Thickness	1.5 mm, 2.0mm, 3.0mm

1) Above 450°C, please contact us

Gasket Approval*

CCS	China Classification Society
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Tightness Properties



- 1) The above tightness curve according to EN13555 standard testing in lab as reference for design
- 2) Gasket stress is assemble gasket stress, not working stress.
- 3) Test lab is constant temperature and humidity, temperature 23±2°C, humidity 50±6%
- 4) The above data based on 2.0mm gasket

Material Physical Properties*

Properties	Standard	Value
Density	/	≈ 1.0g/cc
Ash Content	DIN 51903	≤ 2.0 %
Chloride Content	ASTM D4327	≤ 50ppm
Fluorine Content	ASTM D4327	≤ 50 ppm
Sulphur Content	ASTM D4329	≤ 1200 ppm
Compression	ASTM F 36	30-45%
Recovery	ASTM F 36	10-25%

*The value above based on 2.0mm raw material

Purchase Information:

· If you purchase: ASME B 16.21, NPS6" CLASS150, thickness 1.5mm, 316(L) tanged steel insert graphite gasket.

· Please provide the following information:

3564FG01 1.5T NPS 6" CLASS 150 ASME B 16.21

*For certified products, please contact us for detail information in advance

