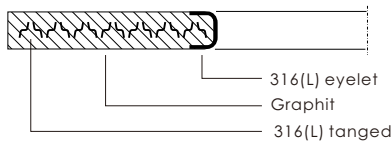


3560FG10\_Graphite flat gasket, insert 0.1mm 316 (L) tanged steel, special treatment, good temperature resistance performance , tightness stable, no aging. Unique 316(L) eyelet technology effectively avoid the contamination of the gasket to the media, Meanwhile improve the strength of the gasket.

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

## Gasket Properties



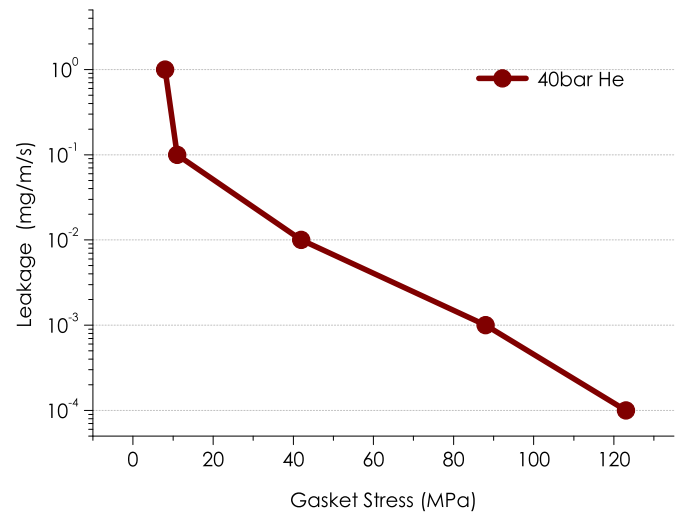
Properties	Value
Working pressure	Max. 160 bar
Working Temperature	Min.-196°C
Working Temperature	Max.+550°C <sup>1)</sup>
$\sigma_{v0}$ (DIN 28090)	28 MPa
$\sigma_{v0 20^\circ\text{C}}$ (DIN 28090)	160 MPa
$\sigma_{B0}$ (DIN 28090)	140 (300°C ) MPa
m (ASME)	2.5
y (ASME)	14.0 MPa
Flange Roughness (Ra)	3.2~6.3 $\mu\text{m}$
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  $23 \pm 2^\circ\text{C}$ , humidity  $50 \pm 6\%$
- 4) The above data based on 2.0mm gasket

## Material Physical Properties\*

Properties	Standard	Value
Density	/	$\approx 1.0\text{g/cc}$
Ash Content	DIN 51903	$\leq 2.0\%$
Chloride Content	ASTM D4327	$\leq 50\text{ppm}$
Fluorine Content	ASTM D4327	$\leq 50\text{ppm}$
Sulphur Content	ASTM D4329	$\leq 1200\text{ppm}$
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, thick 1.5mm, 316(L) tanged steel insert graphite gasket with 316(L) eyelet.
- Please provide the following information:  
3560FG10 1.5T NPS 6" CLASS 150 ASME B 16.21

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

