

## STYLE OGI

Spiral Wound Gasket with Outer and Inner Rings.

### Usage

Flat and raised faced diameter flanges up to and inclusive of Class 2500.

	MATERIAL	MAXIMUM TEMPERATURE
Fillers	Starflon/PTFE	260 °C
	Stargraf	500 °C
Metals	SS 304	537 °C
Sheet size	SS 316 L	815 °C

### Technical benefits

1. Profile suited for cyclic loading.
2. Outer ring helps in centering gasket around bolts.
3. Inner/ Outer ring provides a compression stop.
4. Prevents inward buckling.
5. Recommended for high pressure/ temperature applications.

### Design parameters

GASKET THICKNESS	MAXIMUM INSIDE DIMENSION	RECOMMENDED FLANGE WIDTH	RECOMMENDED COMPRESSED THICKNESS
3 mm (0.125")	Up to 20"	1"	0.09"/ 0.10"
3 mm (0.125")	20" to 40"	3/4"	0.09"/ 0.10"
4.5 mm (0.175")	Up to 40"	1"	0.125"/ 0.135"
4.5 mm (0.175")	40" to 60"	1"	0.125"/ 0.135"
4.5 mm (0.175")	60" to 70"	7/8"	0.125"/ 0.135"
4.5 mm (0.175")	70" to 75"	3/4"	0.125"/ 0.135"
6.35 mm (0.250")	90"	1"	0.18"/ 0.20"
7.24 mm (0.285")	165"	1"	0.20"/ 0.22"

### Tolerance capabilities as per ASME B16.20

GASKET DIAMETER	INSIDE DIAMETER	OUTSIDE DIAMETER
Up to 200 mm (8")	± 0.4 mm (± 0.016")	± 0.8 mm (± 0.03")
250 to 610 mm (10" to 24")	± 0.8 mm (± 0.03")	± 1.6 mm (± 0.06")
660 to 864 mm (26" to 34")	± 0.8 mm (± 0.03")	± 1.6 mm (± 0.06")
915 to 1524 mm (36" to 60")	± 1.25 mm (± 0.05")	± 1.6 mm (± 0.06")



#### **APPLICABLE STANDARDS**

1. ASME B16.20 for ASME B16.5 and 16.47 series A and series B flanges.

#### **Design Factors**

m = 3

y = 10,000 psi

#### **Recommended surface finish**

125 - 250 rms

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**Head Office:** 15/B, Vinod Apartments, Krantiveer Vasant Rao Naik X Lane, Gowalia Tank. Mumbai – 400036 INDIA

**Tel.:** 91 - 22 - 2389 0904 / 05 **Fax:** 91 - 22 - 2389 0907 **Email:** starflex@starflex.net

**visit us at:** [www.starflex.net](http://www.starflex.net)

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