

STYLE OG

Spiral Wound Gasket with outer ring.

Usage

Flat and raised faced flanges.

	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 on bolts.
3. Outer ring provides a compression stop.

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

$m = 3$

$y = 10,000 \text{ psi}$

Recommended surface finish

125 - 250 rms

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