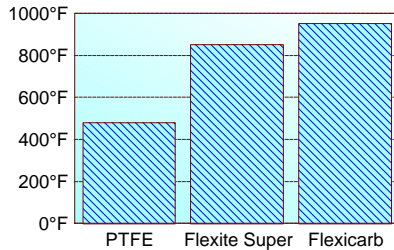


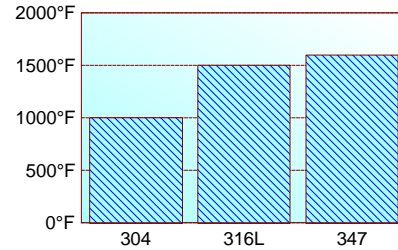
Usage: Flat and raised faced diameter flanges up to and inclusive of Class 2500.

Materials and Maximum T Limits:

Filler



Metal



*Additional materials available

Technical Benefits:

- ▶ Metallic winding suited for cyclic loading
- ▶ Outer ring provides additional blow-out strength
- ▶ Outer ring center gasket
- ▶ Outer ring provides a compression stop

Design Parameters:

Gasket Thickness	Maximum Inside Dimension	Recommended Flange Width	Recommended Compressed Thickness**	Gasket Thickness	Maximum Inside Dimension	Recommended Flange Width	Recommended Compressed Thickness**
0.125"	Up to 20"	1"	0.090"/0.100"	0.175"	60" to 70"	7/8"	0.125"/0.135"
0.125"	20" to 40"	3/4"	0.090"/0.100"	0.175"	70" to 75"	3/4"	0.125"/0.135"
0.175"	Up to 40"	1"	0.125"/0.135"	0.250"	90"	1"	0.180"/0.200"
0.175"	40" - 60"	1"	0.125"/0.135"	0.285"	185"	1"	0.200"/0.220"

Required Surface Finish: 125 - 250 rms

Tolerance Capabilities:

Gasket Diameter	Inside Diameter	Outside Diameter
Up to 10"	± 1/64"	± 1/32"
10" to 24"	± 1/32"	± 1/16"
24" to 60"	± 3/64"	± 1/16"

Applicable Standards:

- ▶ ASME B16.20
- ▶ BS3381
- ▶ Suited for ASME B16.5 and B16.47 series flanges

Design Factors:

ASME (All)	m	3
	Y	10,000 psi

PVRC	Flexicarb/SS	Flexite/SS
Gb(psi)	2300	2600
a	.237	.230
Gs(psi)	13	15

This Data Sheet relates to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same. The acquisition of additional information may necessitate revisions to parts or all of this Data Sheet, and such information will be supplied as it becomes available.

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