



SGL Carbon Graphite flange gasket SIGRAFLEX HOCHDRUCK ASME B16.21

Characteristics

Series: SIGRAFLEX
Type: HOCHDRUCK
Norm: ASME B16.21
Graphite purity: ≥99.85 %
Insert material: RVS 316 L [1.4404]
Insert type: Foil
Number of inserts: 5
Anti-stick: Yes
Temperature range: -200 / 450 °C
Max. pressure: 200 bar

Characteristics [2]

Suitable for medium: Refrigerants, Cryogenic, Fuels, Oil, Low pressure steam, Natural gas, Solvents, Biodiesel, Lubricant, Grease, Food & Beverages, Chlorine Water < 5% [7782-50-5], Chlorine, gaseous [7782-50-5], Hydrocarbons, Weak Acids, Weak Alkalis, Air [compressed air]
Approval according to: Blow out VDI2200, Germanischer Lloyd, BS6755, DVGW, BAM, EC1935/2004, FIRE-SAFE API 607

Nominal diameter	Flange pressure stage	Outer diameter mm	Inner diameter mm	Thickness mm	Article
1/2"	150lbs	48	21	1.5	10001195
1/2"	300/600lbs	54	21	1.5	11046625
3/4"	150lbs	57	27	1.5	10001196
3/4"	300/600lbs	67	27	1.5	11046626
1"	150lbs	67	33	1.5	10001182
1"	300/600lbs	73	33	1.5	11046627
1.1/4"	150lbs	76	42	1.5	11046629
1.1/4"	300/600lbs	83	42	1.5	11046630
1.1/2"	150lbs	86	48	1.5	10001197
1.1/2"	300/600lbs	95	48	1.5	11046628
2"	150lbs	105	60	1.5	10001183
2"	300/600lbs	111	60	1.5	11046631
2.1/2"	150lbs	124	73	1.5	10001198
2.1/2"	300/600lbs	130	73	1.5	11046632
3"	150lbs	137	89	1.5	10001184
3"	300/600lbs	149	89	1.5	11046633
4"	150lbs	175	114	1.5	10001185
4"	300lbs	181	114	1.5	11046634
4"	600lbs	194	114	1.5	11915259
5"	150lbs	197	141	1.5	11046635
5"	300lbs	216	141	1.5	11046636
5"	600lbs	241	141	1.5	11915261
6"	150lbs	222	168	1.5	10001186
6"	300lbs	251	168	1.5	11046637
6"	600lbs	267	168	1.5	11915264
8"	150lbs	279	219	1.5	10001187
8"	300lbs	308	219	1.5	11046638
8"	600lbs	321	219	1.5	11915266
10"	150lbs	340	273	1.5	10001188
10"	300lbs	362	273	1.5	11046639
10"	600lbs	400	273	1.5	11915238
12"	150lbs	410	324	1.5	10001189
12"	300lbs	422	324	1.5	11046640
12"	600lbs	457	324	1.5	11915241
14"	150lbs	451	356	1.5	10001190
14"	300lbs	486	356	1.5	11046641

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Nominal diameter	Flange pressure stage	Outer diameter	Inner diameter	Thickness	Article
		mm	mm	mm	
14"	600lbs	492	356	1.5	11915244
16"	150lbs	514	406	1.5	10001191
16"	300lbs	540	406	1.5	11046642
16"	600lbs	565	406	1.5	11915247
18"	150lbs	549	457	1.5	10001192
18"	300lbs	597	457	1.5	11070575
18"	600lbs	613	457	1.5	11915250
20"	150lbs	606	508	1.5	10001193
20"	300lbs	654	508	1.5	11046644
20"	600lbs	683	508	1.5	11915253
24"	150lbs	718	610	1.5	10001194
24"	300lbs	775	610	1.5	11046646
24"	600lbs	791	610	1.5	11915256

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