



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"	150lbs	48	21	2	11070663
1/2"	150lbs	48	21	3	11915202
1/2"	300/600lbs	54	21	1.5	11046625
1/2"	300/600lbs	54	21	2	11046953
1/2"	300/600lbs	54	21	3	11915233
3/4"	150lbs	57	27	1.5	10001196
3/4"	150lbs	57	27	2	11070664
3/4"	150lbs	57	27	3	11915214
3/4"	300/600lbs	67	27	1.5	11046626
3/4"	300/600lbs	67	27	2	11070637
3/4"	300/600lbs	67	27	3	11915237
1"	150lbs	67	33	1.5	10001182
1"	150lbs	67	33	2	11070665
1"	150lbs	67	33	3	11915199
1"	300/600lbs	73	33	1.5	11046627
1"	300/600lbs	73	33	2	11070638
1"	300/600lbs	73	33	3	11915230
1.1/4"	150lbs	76	42	1.5	11046629
1.1/4"	150lbs	76	42	2	11070666
1.1/4"	150lbs	76	42	3	11915201
1.1/4"	300/600lbs	83	42	1.5	11046630
1.1/4"	300/600lbs	83	42	2	11070639
1.1/4"	300/600lbs	83	42	3	11915232
1.1/2"	150lbs	86	48	1.5	10001197
1.1/2"	150lbs	86	48	2	11070667
1.1/2"	150lbs	86	48	3	11915200
1.1/2"	300/600lbs	95	48	1.5	11046628
1.1/2"	300/600lbs	95	48	2	11070640
1.1/2"	300/600lbs	95	48	3	11915231
2"	150lbs	105	60	1.5	10001183
2"	150lbs	105	60	2	11070668
2"	150lbs	105	60	3	11915209
2"	300/600lbs	111	60	1.5	11046631
2"	300/600lbs	111	60	2	11046954
2"	300/600lbs	111	60	3	11915234

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Nominal diameter	Flange pressure stage	Outer diameter	Inner diameter	Thickness	Article
		mm	mm	mm	
2.1/2"	150lbs	124	73	1.5	10001198
2.1/2"	150lbs	124	73	2	11070669
2.1/2"	150lbs	124	73	3	11915210
2.1/2"	300/600lbs	130	73	1.5	11046632
2.1/2"	300/600lbs	130	73	2	11070641
2.1/2"	300/600lbs	130	73	3	11915235
3"	150lbs	137	89	1.5	10001184
3"	150lbs	137	89	2	11070671
3"	150lbs	137	89	3	11915213
3"	300/600lbs	149	89	1.5	11046633
3"	300/600lbs	149	89	2	11070642
3"	300/600lbs	149	89	3	11915236
4"	150lbs	175	114	1.5	10001185
4"	150lbs	175	114	2	11070672
4"	150lbs	175	114	3	11915215
4"	300lbs	181	114	1.5	11046634
4"	300lbs	181	114	2	11070653
4"	300lbs	181	114	3	11915226
4"	600lbs	194	114	1.5	11915259
4"	600lbs	194	114	2	11131219
4"	600lbs	194	114	3	11915260
5"	150lbs	197	141	1.5	11046635
5"	150lbs	197	141	2	11070673
5"	150lbs	197	141	3	11915216
5"	300lbs	216	141	1.5	11046636
5"	300lbs	216	141	2	11070654
5"	300lbs	216	141	3	11915227
5"	600lbs	241	141	1.5	11915261
5"	600lbs	241	141	2	11915262
5"	600lbs	241	141	3	11915263
6"	150lbs	222	168	1.5	10001186
6"	150lbs	222	168	2	11070675
6"	150lbs	222	168	3	11915217
6"	300lbs	251	168	1.5	11046637
6"	300lbs	251	168	2	11070655
6"	300lbs	251	168	3	11915228
6"	600lbs	267	168	1.5	11915264
6"	600lbs	267	168	2	11130845
6"	600lbs	267	168	3	11915265
8"	150lbs	279	219	1.5	10001187
8"	150lbs	279	219	2	11070676
8"	150lbs	279	219	3	11915218
8"	300lbs	308	219	1.5	11046638
8"	300lbs	308	219	2	11070656
8"	300lbs	308	219	3	11915229
8"	600lbs	321	219	1.5	11915266
8"	600lbs	321	219	2	11915267
8"	600lbs	321	219	3	11915268
10"	150lbs	340	273	1.5	10001188
10"	150lbs	340	273	2	11070677
10"	150lbs	340	273	3	11915203
10"	300lbs	362	273	1.5	11046639
10"	300lbs	362	273	2	11070657

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Nominal diameter	Flange pressure stage	Outer diameter	Inner diameter	Thickness	Article
		mm	mm	mm	
10"	300lbs	362	273	3	11915219
10"	600lbs	400	273	1.5	11915238
10"	600lbs	400	273	2	11915239
10"	600lbs	400	273	3	11915240
12"	150lbs	410	324	1.5	10001189
12"	150lbs	410	324	2	11070678
12"	150lbs	410	324	3	11915204
12"	300lbs	422	324	1.5	11046640
12"	300lbs	422	324	2	11070658
12"	300lbs	422	324	3	11915220
12"	600lbs	457	324	1.5	11915241
12"	600lbs	457	324	2	11915242
12"	600lbs	457	324	3	11915243
14"	150lbs	451	356	1.5	10001190
14"	150lbs	451	356	2	11070679
14"	150lbs	451	356	3	11915205
14"	300lbs	486	356	1.5	11046641
14"	300lbs	486	356	2	11070659
14"	300lbs	486	356	3	11915221
14"	600lbs	492	356	1.5	11915244
14"	600lbs	492	356	2	11915245
14"	600lbs	492	356	3	11915246
16"	150lbs	514	406	1.5	10001191
16"	150lbs	514	406	2	11070680
16"	150lbs	514	406	3	11915206
16"	300lbs	540	406	1.5	11046642
16"	300lbs	540	406	2	11070660
16"	300lbs	540	406	3	11915222
16"	600lbs	565	406	1.5	11915247
16"	600lbs	565	406	2	11915248
16"	600lbs	565	406	3	11915249
18"	150lbs	549	457	1.5	10001192
18"	150lbs	549	457	2	11915207
18"	150lbs	549	457	3	11915208
18"	300lbs	597	457	1.5	11070575
18"	300lbs	597	457	2	11915223
18"	300lbs	597	457	3	11915224
18"	600lbs	613	457	1.5	11915250
18"	600lbs	613	457	2	11915251
18"	600lbs	613	457	3	11915252
20"	150lbs	606	508	1.5	10001193
20"	150lbs	606	508	2	11070681
20"	150lbs	606	508	3	11915211
20"	300lbs	654	508	1.5	11046644
20"	300lbs	654	508	2	11070661
20"	300lbs	654	508	3	11915225
20"	600lbs	683	508	1.5	11915253
20"	600lbs	683	508	2	11915254
20"	600lbs	683	508	3	11915255
24"	150lbs	718	610	1.5	10001194
24"	150lbs	718	610	2	11070682
24"	150lbs	718	610	3	11915212
24"	300lbs	775	610	1.5	11046646

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Nominal diameter	Flange pressure stage	Outer diameter	Inner diameter	Thickness	Article
		mm	mm	mm	
24"	300lbs	775	610	2	11070662
24"	300lbs	775	610	3	11447399
24"	600lbs	791	610	1.5	11915256
24"	600lbs	791	610	2	11915257
24"	600lbs	791	610	3	11915258

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