

FIG. 7400SS

Rigidlite® Coupling

The Gruvlok Figure 7400SS coupling is available in 1 1/4" – 8" sizes. The standard material is ASTM A 743 CF8M (Type 316) cast stainless steel which is ideal for corrosive environments.

Any Gruvlok gasket material may be utilized in the 7400SS coupling for a broad array of applications. Gasket properties are as designated in accordance with ASTM D 2000. The 7400SS is provided with ASTM A 193 B8M bolts and ASTM A 194 Grade 8M nuts.



MATERIAL SPECIFICATIONS

STAINLESS STEEL BOLTS & NUTS:

Hex head stainless steel bolts, Type 316 per ASTM A 193 Grade B8M class 1 and heavy hex stainless steel nuts, Type 316 per ASTM A 194 Grade 8M class 1. Nuts and bolts are zinc plated to prevent common thread galling. Contact an Anvil Representative for more information.

HOUSING:

Cast Stainless Steel (Type 316) - ASTM A 743 CF8M

GASKETS: Materials

Properties as designated in accordance with ASTM D 2000

Grade "E" EPDM (Green color code) NSF 61 Certified

-40°F to 230°F (Service Temperature Range)(-40°C to 110°C)
Recommended for water service, diluted acids, alkalis solutions, oil-free air and many chemical services.
NOT FOR USE IN PETROLEUM APPLICATIONS.

Grade "T" Nitrile (Orange color code)

-20°F to 180°F (Service Temperature Range)(-29°C to 82°C)
Recommended for petroleum applications. air with oil vapors and vegetable and mineral oils.
NOT FOR USE IN HOT WATER OR HOT AIR.

Grade "O" Fluoro-Elastomer (Blue color code)

-20°F to 300°F (Service Temperature Range)(-29°C to 149°C)
Recommended for high temperature resistance to oxidizing acids, petroleum oils, hydraulic fluids, halogenated hydrocarbons and lubricants.

Grade "L" Silicone (Red color code)

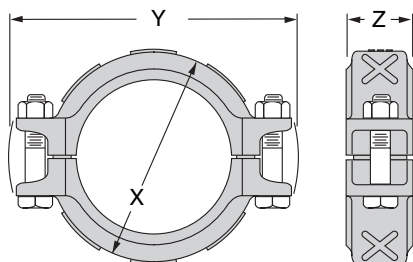
-40°F to 350°F (Service Temperature Range)(-40°C to 177°C)
Recommended for dry, hot air and some high temperature chemical services.

GASKET TYPE:

Standard C Style
Flush Gap (1 1/4" – 8")

LUBRICATION:

Standard Gruvlok
Gruvlok Xtreme™ (Do Not use with Grade "L")



CAUTION: Contact your local Anvil representative for corrosive application environments.

No coatings or zinc options.

* All bolts are hex head design Type 316 Grade B8M Class 1 stainless steel to ASTM A 193, with Type 316 Grade 8M stainless steel heavy hex nuts conforming to ASTM A 194. Use of suitable anti-galling thread compound is recommended.

† Ratings apply when used with Schedule 40 ASTM A 312 Type 304 stainless steel pipe for all sizes. Refer to ratings chart for additional data.

FIGURE 7400SS - RIGIDLITE STAINLESS STEEL COUPLING

Nominal Size	O.D.	Max. Wk. Pressure†	Max. End Load†	Range of Pipe End Separation	Coupling Dimensions			Coupling Bolts*		Specified Torque		Approx. Wt. Ea.
					X	Y	Z	Qty.	Size	Min.	Max.	
In./mm	In./mm	PSI/bar	Lbs./kN	In./mm	In./mm	In./mm	In./mm	In./mm	Ft.-Lbs./N-m	Lbs./Kg		
1 1/4 32	1.660 42.4	300 20.7	649 2.89	0-1/32 0-0.79	2 7/8 73	4 1/8 105	1 3/4 44	2	3/8 x 2 1/4 M10 x 57	15 21	20 27	1.6 0.7
1 1/2 40	1.900 48.3	300 20.7	851 3.78	0-1/32 0-0.79	3 1/8 79	4 5/8 117	1 3/4 44	2	3/8 x 2 1/4 M10 x 57	15 21	20 27	1.7 0.8
2 50	2.375 60.3	300 20.7	1,329 5.91	0-1/32 0-0.79	3 3/8 92	5 3/8 137	1 3/4 45	2	3/8 x 2 1/4 M10 x 57	15 21	20 27	2.1 1.0
2 1/2 65	2.875 73.0	300 20.7	1,948 8.66	0-1/32 0-0.79	4 1/8 105	5 7/8 149	1 3/4 44	2	3/8 x 2 1/4 M10 x 57	15 21	20 27	2.3 1.0
3 80	3.500 88.9	300 20.7	2,886 12.84	0-1/32 0-0.79	4 3/8 117	6 3/8 168	1 3/4 44	2	1/2 x 2 3/4 M12 x 70	50 68	60 80	3.1 1.4
4 100	4.500 114.3	300 20.7	4,771 21.22	0-3/32 0-2.38	6 152	7 3/4 197	1 7/8 48	2	1/2 x 2 3/4 M12 x 70	50 68	60 80	4.4 2.0
6 150	6.625 168.3	275 19.0	9,480 42.17	0-3/32 0-2.38	8 3/8 206	11 1/8 283	2 51	2	3/4 x 3 M20 x 76	80 110	100 150	7.8 3.5
8 200	8.625 219.1	275 19.0	16,067 71.47	0-3/32 0-2.38	10 3/8 264	13 3/8 346	2 3/8 60	2	3/4 x 3 M20 x 76	80 110	100 150	13.2 6.0

Range of Pipe End Separation values are for roll grooved pipe and may be doubled for cut groove pipe.