

Attachments

Attachment 3. Recommended Connection Technology

350 bar – Section Table — Carbon Steel Pipes

Pipe	Volume Flow* [l/min]	Weight [kg/m]	Connection Type	Flange Size	Flange Type
6X1.5ST37.4NBK	2	0.17	DIN/JIC –fittings		
8X1.5ST37.4NBK	6	0.24			
10X2ST37.4NBK	8	0.40			
12X2.5ST52.4NBK	12	0.59			
16X2.5ST52.4NBK	29	0.83			
20X3ST52.4NBK	46	1.25			
25X3ST52.4NBK	85	1.63	37° Flare flange	3/4"	612F
30X4ST52.4NBK	114	2.51	37° Flare flange	3/4"	612F
39X7.5ST52.4NBK	136	5.86	Retain ring flange	1"	616
46X8ST52.4NBK	198	7.84	Retain ring flange	1 1/4"	620
56X8.5ST52.4NBK	358	9.96	Retain ring flange	1 1/2"	624
66X8.5ST52.4NBK	566	12.1	Retain ring flange	2"	632
80X10ST52.4NBK	848	17.2	Retain ring flange	2 1/2"	440
97X12ST52.4NBK	1256	25.2	Retain ring flange	3"	448
115X15ST52.4NBK	1702	37.0	Retain ring flange	4"	456
130X15ST52.4NBK	2356	42.5	Retain ring flange	4 1/2"	860
150X15ST52.4NBK	3393	49.9	Retain ring flange	5"	864
190X20ST52.4NBK	5301	83.8	Retain ring flange	6"	880
250X25ST52.4NBK	9425	138.7	Retain ring flange	10"	896

350 bar – Section Table — Stainless Steel Pipes

Pipe	Volume Flow* [l/min]	Weight [kg/m]	Connection Type	Flange Size	Flange Type
6X1AISI316L	4	0.07	DIN/JIC –fittings		
8X1.5AISI316L	6	0.24			
10X1.5AISI316L	12	0.31			
12X2AISI316L	15	0.49			
16X2.5AISI316L	29	0.83	37° Flare flange	1/2"	608F
20X3AISI316L	46	1.21	37° Flare flange	1/2"	608F
25X4AISI316L	68	2.07	37° Flare flange	1/2"	608F
30X4AISI316L	114	3.35	37° Flare flange	3/4"	612F
38X5AISI316L	185	4.07	37° Flare flange	1"	616F
56X8.5AISI316L	358	9.96	Retain ring flange	1 1/2"	624
66X8.5AISI316L	566	12.2	Retain ring flange	2"	632
80X10AISI316L	848	17.5	Retain ring flange	2 1/2"	440
97X12AISI316L	1256	25.5	Retain ring flange	3"	448

NOTE! From 97 and up to 12" use
ASTM A312 pipe.

*) v = 5 m/s