

Attachments

Attachment 3. Recommended Connection Technology

420 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		
8X2ST37.4NBK	4	0.30			
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

420 bar – Section Table — Stainless Steel Pipes

Pipe	Volume Flow* [l/min]	Weight [kg/m]	Connection Type	Flange Size	Flange Type
8X1.5AISI316L	6	0.24	DIN/JIC –fittings		
10X2AISI316L	8	0.40			
12X2AISI316L	15	0.49			
16X2.5AISI316L	29	0.83			
20X3AISI316L	46	1.21			
25X4AISI316L	68	2.07	37° Flare flange	1/2"	608F
38X5AISI316L	185	4.07	37° Flare flange	1"	616F
56X8.5AISI316L	358	9.96	Retain ring flange	1 1/2"	624

690 bar – Section Table - Duplex Steel Pipes SAF2205 UNS S31803

Pipe	Volume Flow* [l/min]	Weight [kg/m]	Connection Type	Flange Size	Flange Type
48.3X10.15SAF2205	185	9.55	Retain ring flange	1 1/2"	924/48.3
60.3X11.07SAF2205	340	13.44	Retain ring flange	2"	932/60.3
73X14.02SAF2205	472	20.50	Retain ring flange	2 1/2"	940/73
88.9X15.24SAF2205	797	27.68	Retain ring flange	3"	948/88.9

*) v = 5 m/s