

Rev C - May-25-2012

Series Specifications 20FR20.E6 (20FR20)

**Table 20FR20.E6.8
 (Series 20FR20)
 External Pressure / Vacuum Rating (psi and bar)**

Size (NB) in.	Internal Pressure Rating psi	External Pressure / Vacuum Rating psi	Size (NB) mm	Internal Pressure Rating bar	External Pressure / Vacuum Rating bar
1.00	290	5287.4	25	20	364.6
1.50	290	2230.6	40	20	153.8
2.00	290	1,142.1	50	20	78.7
2.50	290	660.9	65	20	45.6
3.00	290	416.2	80	20	28.7
4.00	290	195.8	100	20	13.5
5.00	290	107.3	125	20	7.4
6.00	290	112.0	150	20	7.7
8.00	290	109.8	200	20	7.6
10.00	290	108.4	250	20	7.5
12.00	290	113.0	300	20	7.8
14.00	261	81.4	350	18	5.6
16.00	261	80.5	400	18	5.6
18.00	261	82.8	450	18	5.7
20.00	232	57.6	500	16	4.0
24.00	232	58.4	600	16	4.0
30.00	150	16.5	750	10	1.1
36.00	150	16.4	900	10	1.1
42.00	100	4.9	1050	7	0.3
48.00	100	5.0	1200	7	0.3
54.00	50	0.6	1350	3	0.0
60.00	50	0.6	1500	3	0.0
66.00	50	0.6	1650	3	0.0
72.00	50	0.7	1800	3	0.0

Notes:

1. Values are valid up to 150 F (66 C). Degrade by 1% per 10 F (5.5 C) rise above 150 F (66 C) to account for reduced modulus values.
2. Includes a safety factor of 3.0.
3. 14.7 psi (1 bar) equals full vacuum.