

Rev C - May-25-2012

Series Specifications 20FR16.E6 (20FR16)

**Table 20FR16.E6.8
 (Series 20FR16)
 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	232	5287.4	25	16	364.6
1.50	232	2230.6	40	16	153.8
2.00	232	1,142.1	50	16	78.7
2.50	232	660.9	65	16	45.6
3.00	232	416.2	80	16	28.7
4.00	232	195.8	100	16	13.5
5.00	232	107.3	125	16	7.4
6.00	232	65.0	150	16	4.5
8.00	232	61.4	200	16	4.2
10.00	232	59.3	250	16	4.1
12.00	232	57.9	300	16	4.0
14.00	232	57.2	350	16	3.9
16.00	232	59.2	400	16	4.1
18.00	232	58.3	450	16	4.0
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.