

# Operating Pressure Guide

PSI	KPA	BAR	WG		SEEFLEX 020E	SEEFLEX 040AS	TEFLEX NP (BLACK/OPAQUE)	SEEFLEX 040E	SEEFLEX 060ES
			(INCHES)	(MM)					
(please ensure you read note below)									
0.1	0.689	0.0069	2.77	70	Green	Green	Green	Green	Green
0.3	2.068	0.0207	8.30	211	Green	Green	Green	Green	Green
0.5	3.447	0.0345	13.84	352	Green	Green	Green	Green	Green
0.7	4.826	0.0483	19.38	492	Green	Green	Green	Green	Green
0.9	6.205	0.0621	24.91	633	Green	Green	Green	Green	Green
1.0	6.895	0.0690	27.68	703	Green	Green	Green	Green	Green
1.3	8.963	0.0896	35.98	914	Green	Green	Green	Green	Green
1.5	10.342	0.1034	41.52	1,055	Yellow	Green	Green	Green	Green
1.7	11.721	0.1172	47.06	1,195	Orange	Green	Green	Green	Green
1.9	13.100	0.1310	52.59	1,336	Red	Green	Green	Green	Green
2.0	13.790	0.1379	55.36	1,406	Red	Green	Green	Green	Green
2.5	17.237	0.1724	69.20	1,758	Red	Yellow	Green	Green	Green
3.0	20.684	0.2069	83.04	2,109	Red	Orange	Green	Green	Green
3.5	24.132	0.2413	96.88	2,461	Red	Red	Green	Green	Green
4.0	27.579	0.2758	110.72	2,812	Red	Red	Yellow	Green	Green
4.5	31.027	0.3103	124.56	3,164	Red	Red	Orange	Green	Green
5.0	34.474	0.3448	138.40	3,515	Red	Red	Red	Green	Green
5.5	37.921	0.3792	152.24	3,867	Red	Red	Red	Green	Green
6.0	41.369	0.4137	166.08	4,218	Red	Red	Red	Green	Green
6.5	44.816	0.4482	179.92	4,570	Red	Red	Red	Green	Green
7.0	48.264	0.4827	193.76	4,921	Red	Red	Red	Green	Green
7.5	51.711	0.5171	207.60	5,273	Red	Red	Red	Green	Green
8.0	55.158	0.5516	221.44	5,625	Red	Red	Red	Green	Green
8.5	58.606	0.5861	235.28	5,976	Red	Red	Red	Green	Green
9.0	62.053	0.6206	249.12	6,328	Red	Red	Red	Green	Green
9.5	65.501	0.6550	262.96	6,679	Red	Red	Red	Green	Green
10.0	68.948	0.6895	276.80	7,031	Red	Red	Red	Green	Green
10.5	72.395	0.7240	290.64	7,382	Red	Red	Red	Green	Green
11.0	75.843	0.7585	304.48	7,734	Red	Red	Red	Green	Green
11.5	79.290	0.7929	318.32	8,085	Red	Red	Red	Green	Green
12.0	82.738	0.8274	332.16	8,437	Red	Red	Red	Green	Green
12.5	86.185	0.8619	346.00	8,788	Red	Red	Red	Green	Green
13.0	89.632	0.8964	359.84	9,140	Red	Red	Red	Green	Green
13.5	93.080	0.9308	373.68	9,491	Red	Red	Red	Green	Green
14.0	96.527	0.9653	387.52	9,843	Red	Red	Red	Green	Green
14.5	99.975	0.9998	401.36	10,195	Red	Red	Red	Green	Green
15.0	103.422	1.0343	415.20	10,546	Red	Red	Red	Green	Green
17.0	117.212	1.1722	470.56	11,952	Red	Red	Red	Green	Green
19.0	131.000	1.3100	525.93	13,358	Red	Red	Red	Green	Green
20.0	137.896	1.3790	553.60	14,061	Red	Red	Red	Green	Green
24.0	165.474	1.6547	637.28	16,874	Red	Red	Red	Green	Green
28.0	172.370	1.7238	692.00	19,686	Red	Red	Red	Green	Green
32.0	186.160	1.8617	747.36	22,498	Red	Red	Red	Green	Green
36.0	206.844	2.0685	830.40	25,311	Red	Red	Red	Green	Green
40.0	275.792	2.7580	1,107.20	28,123	Red	Red	Red	Green	Green

**LEGEND:** ● Negligible expansion   ● Mild expansion up to 20mm (0.79")   ● Max. expansion limits   ◀ Maximum recommended   ● Not recommended

**IMPORTANT NOTE:** This document is a general guide only. The rupture results above were from tests undertaken on a 250mm diameter connector 200mm long at ambient temperature. Operating pressure recommendations are based on a larger body of testing across standard diameters 100mm - 650mm. This guide can be used for standard diameters 100mm to 500mm up to 200mm long and 550mm to 650mm up to 150mm long. Connector diameter, length, movement, operating temperature and media being processed will all affect maximum operating pressures.

Please contact BFM® for specific application pressure enquiries.