

Operating Pressure Guide

PSI	KPA	BAR	WG		SEEFLEX O2OE	SEEFLEX O4OAS	TEFLEX NP (BLACK/OPAQUE)	SEEFLEX O4OE	SEEFLEX O6OES
			(INCHES)	(MM)					
(please ensure you read note below)									
0.1	0.689	0.0069	2.77	70					
0.3	2.068	0.0207	8.30	211					
0.5	3.447	0.0345	13.84	352					
0.7	4.826	0.0483	19.38	492					
0.9	6.205	0.0621	24.91	633					
1.0	6.895	0.0690	27.68	703					
1.3	8.963	0.0896	35.98	914					
1.5	10.342	0.1034	41.52	1,055					
1.7	11.721	0.1172	47.06	1,195					
1.9	13.100	0.1310	52.59	1,336					
2.0	13.790	0.1379	55.36	1,406					
2.5	17.237	0.1724	69.20	1,758					
3.0	20.684	0.2069	83.04	2,109					
3.5	24.132	0.2413	96.88	2,461					
4.0	27.579	0.2758	110.72	2,812					
4.5	31.027	0.3103	124.56	3,164					
5.0	34.474	0.3448	138.40	3,515					
5.5	37.921	0.3792	152.24	3,867					
6.0	41.369	0.4137	166.08	4,218					
6.5	44.816	0.4482	179.92	4,570					
7.0	48.264	0.4827	193.76	4,921					
7.5	51.711	0.5171	207.60	5,273					
8.0	55.158	0.5516	221.44	5,625					
8.5	58.606	0.5861	235.28	5,976					
9.0	62.053	0.6206	249.12	6,328					
9.5	65.501	0.6550	262.96	6,679					
10.0	68.948	0.6895	276.80	7,031					
10.5	72.395	0.7240	290.64	7,382		RUPTURE			
11.0	75.843	0.7585	304.48	7,734					
11.5	79.290	0.7929	318.32	8,085					
12.0	82.738	0.8274	332.16	8,437					
12.5	86.185	0.8619	346.00	8,788					
13.0	89.632	0.8964	359.84	9,140					
13.5	93.080	0.9308	373.68	9,491					
14.0	96.527	0.9653	387.52	9,843					
14.5	99.975	0.9998	401.36	10,195					
15.0	103.422	1.0343	415.20	10,546					
17.0	117.212	1.1722	470.56	11,952					
19.0	131.000	1.3100	525.93	13,358					
20.0	137.896	1.3790	553.60	14,061					
23.0	158.580	1.5859	636.64	16,171					
25.0	172.370	1.7238	692.00	17,577					
27.0	186.160	1.8617	747.36	18,983					
30.0	206.844	2.0685	830.40	21,092					
40.0	275.792	2.7580	1,107.20	28,123					

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.