FURON®
Pure Performance

MAXIMUM BURST PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

BURST PRESSURE (PSI) - IMPERIAL

O.D.	I.D.	Wall Thickness	60°F	70°F	80°F	86°F	100°F	122°F	140°F	170°F	200°F	212°F	250°F	300°F	350°F	400°F
in	in	in														
Standard Wall																
1/8	1/16	0.031	1285	1213	1148	1112	1033	931	864	779	719	700	650	584	478	291
1/4	5/32	0.047	956	904	856	828	772	698	649	586	542	528	492	444	367	230
3/8	1/4	0.062	839	793	751	728	678	612	569	515	476	464	432	390	322	202
1/2	3/8	0.062	611	577	547	528	493	446	415	375	347	338	314	284	234	147
3/4	5/8	0.062	436	412	391	380	352	318	296	268	248	241	225	203	167	105
1	7/8	0.062	312	295	279	272	252	227	211	191	177	172	160	145	120	75
1-1/4	1.1	0.075	298	281	266	256	240	217	202	182	169	164	153	138	114	72
1.575	1.403	0.086	268	253	239	232	216	195	181	164	152	148	138	124	103	64
Heavy Wall																
1/4	1/8	0.062	1309	1237	1172	1136	1057	955	888	803	743	724	674	608	502	315
3/4	0.564	0.093	604	572	540	524	488	440	412	372	344	336	312	280	232	144
1	0.81	0.093	444	420	396	384	356	324	300	272	252	244	228	204	168	108
1-1/4	1.06	0.093	380	360	340	332	308	280	260	232	216	212	196	176	148	92
1-1/2	1.31	0.093	308	292	276	268	248	224	208	188	176	172	160	144	120	76
Thin Wall																
1/4	3/16	0.031	611	577	547	528	493	446	415	375	347	338	314	284	234	147
3/8	5/16	0.031	436	412	391	380	352	318	296	268	248	241	225	203	167	105
1/2	7/16	0.031	312	295	279	272	252	227	211	191	177	172	160	145	120	75
3/4	11/16	0.031	198	187	178	172	160	145	135	122	113	110	102	92	76	48

BURST PRESSURE (BAR) - METRIC

O.D.	I.D.	Wall Thickness	16°C	21°C	27°C	30°C	38°C	50°C	60°C	77°C	93°C	100°C	121°C	149°C	177°C	204°C
mm	mm	mm														
Standard Wall																
3.17	1.59	0.79	88.6	83.7	79.1	76.7	71.2	64.2	59.6	53.7	49.5	48.2	44.8	40.3	33.0	20.0
6.35	3.97	1.19	65.9	62.3	59.0	57.1	53.2	48.1	44.7	40.4	37.4	36.4	33.9	30.6	25.3	15.9
9.52	6.35	1.57	57.9	54.7	51.8	50.2	46.7	42.2	39.3	35.5	32.8	32.0	29.8	26.9	22.2	13.9
12.7	9.52	1.57	42.1	39.8	37.7	36.4	34.0	30.7	28.6	25.8	23.9	23.3	21.7	19.6	16.2	10.1
19.05	15.87	1.57	30.1	28.4	26.9	26.2	24.3	22.0	20.4	18.4	17.1	16.6	15.5	14.0	11.5	7.2
25.4	22.22	1.57	21.5	20.3	19.2	18.8	17.4	15.7	14.6	13.2	12.2	11.9	11.1	10.0	8.2	5.2
31.75	27.94	1.90	20.5	19.4	18.4	17.7	16.6	15.0	13.9	12.6	11.6	11.3	10.6	9.5	7.9	4.9
40	35.64	2.18	18.4	17.4	16.5	16.0	14.9	13.5	12.5	11.3	10.5	10.2	9.5	8.6	7.1	4.4
Heavy Wall																
6.35	3.2	1.57	90.3	85.3	80.8	78.3	72.9	65.9	61.2	55.3	51.2	49.9	46.5	41.9	34.6	21.7
19.05	14.3	2.36	41.6	39.4	37.2	36.1	33.6	30.3	28.4	25.6	23.7	23.2	21.5	19.3	16.0	9.9
25.4	20.7	2.36	30.6	29.0	27.3	26.5	24.5	22.3	20.7	18.8	17.4	16.8	15.7	14.1	11.6	7.4
31.75	27.0	2.36	26.2	24.8	23.4	22.9	21.2	19.3	17.9	16.0	14.9	14.6	13.5	12.1	10.2	6.3
38.1	33.4	2.36	21.2	20.1	19.0	18.5	17.1	15.4	14.3	13.0	12.1	11.9	11.0	9.9	8.3	5.2
Thin Wall																
6.35	4.76	0.79	42.1	39.8	37.7	36.4	34.0	30.7	28.6	25.8	23.9	23.3	21.7	19.6	16.2	10.1
9.52	7.94	0.79	30.1	28.4	26.9	26.2	24.3	22.0	20.4	18.4	17.1	16.6	15.5	14.0	11.5	7.2
12.7	11.11	0.79	21.5	20.3	19.2	18.8	17.4	15.7	14.6	13.2	12.2	11.9	11.1	10.0	8.2	5.2
19.05	17.46	0.79	13.7	12.9	12.2	11.9	11.0	10.0	9.3	8.4	7.8	7.6	7.0	6.3	5.2	3.3

Values are obtained either by testing or calculation. Contact us for more detail.

See graphs on following page

SEE MORE ON FURON HP PFA 400 + HP PFA 400 UC TUBING

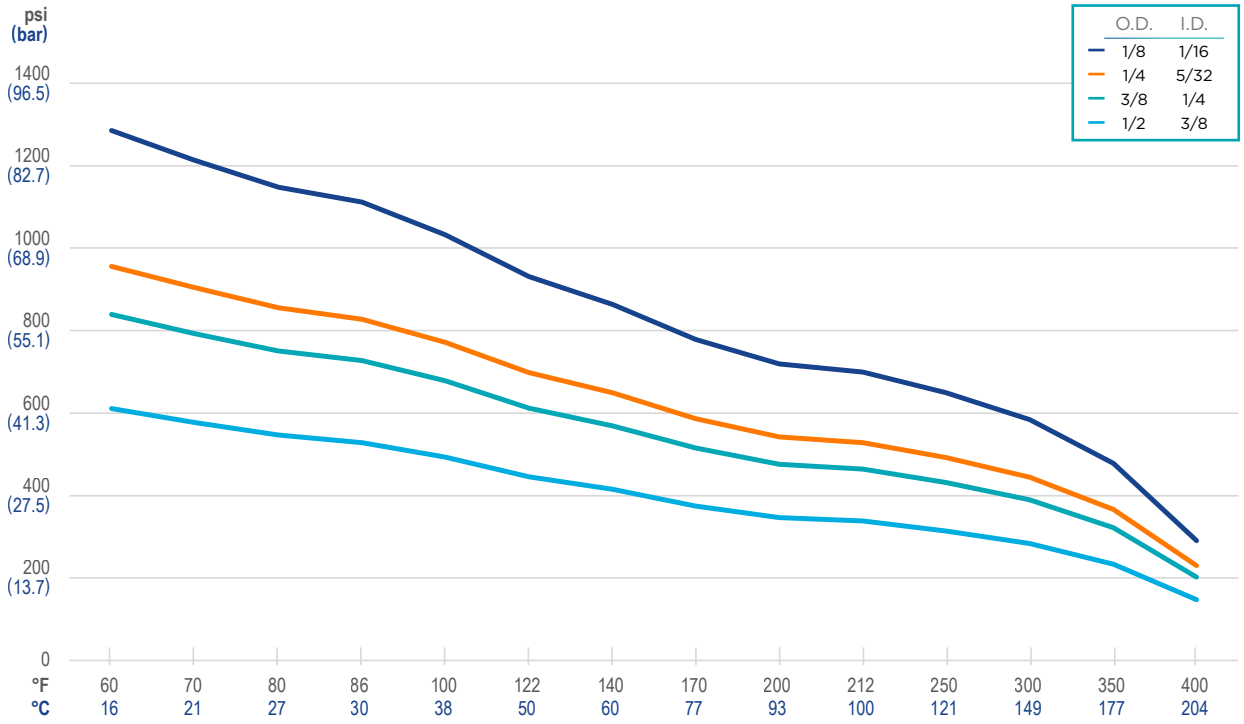
SAINT-GOBAIN

FURON®
Pure Performance

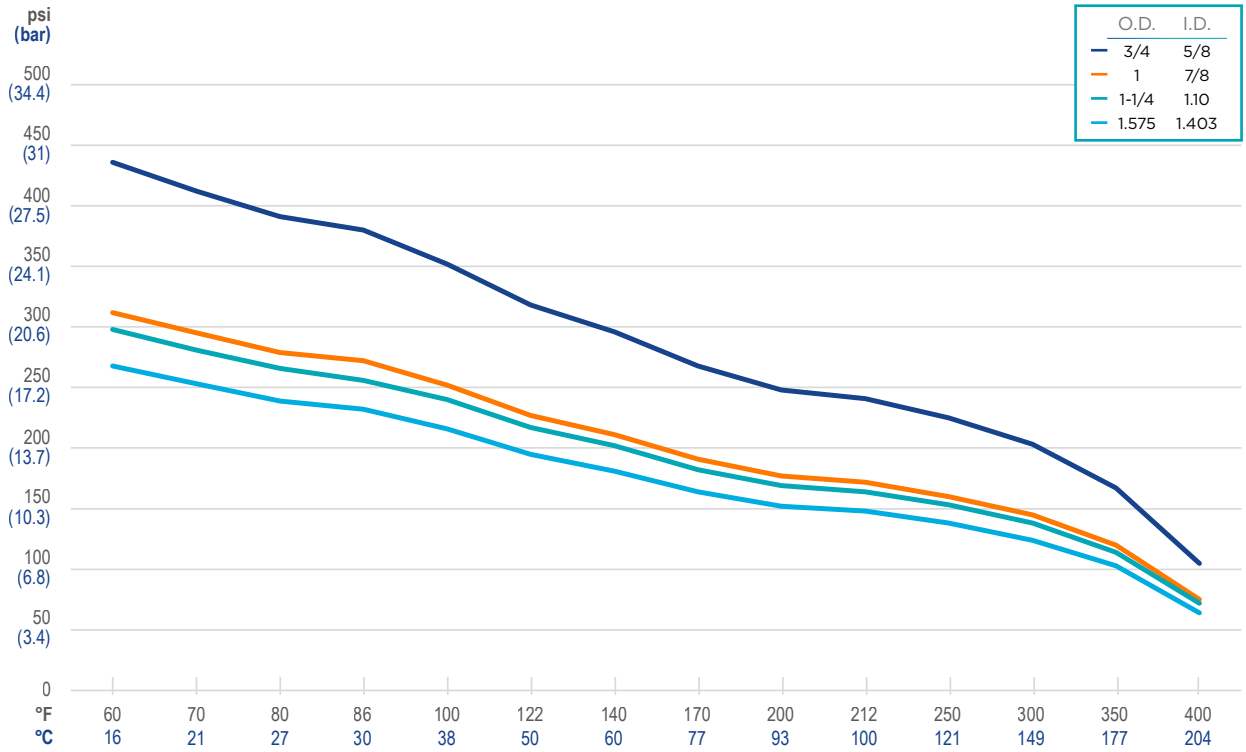
MAXIMUM BURST PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

BURST PRESSURES

Standard Wall - High Pressure



Standard Wall - Low Pressure



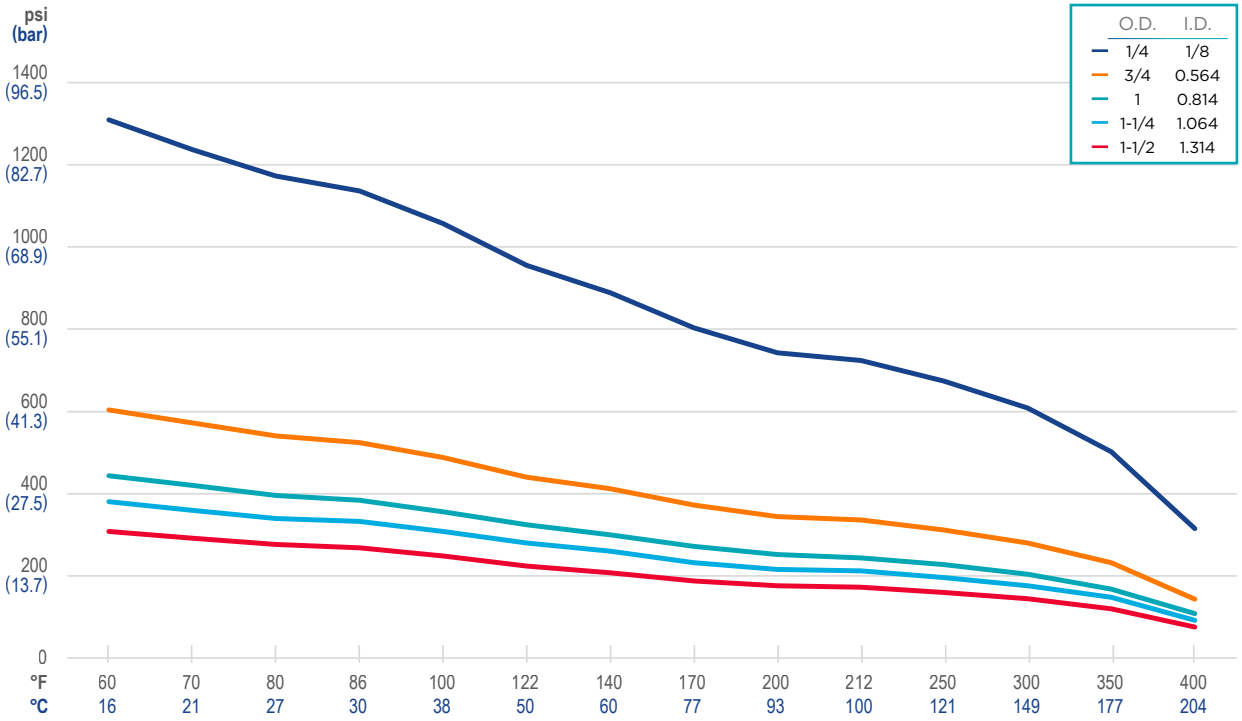
Values are obtained either by testing or calculation.
Contact us for more detail for pressure curves not represented on these graphs.

FURON®
Pure Performance

MAXIMUM BURST PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

BURST PRESSURES

Heavy Wall



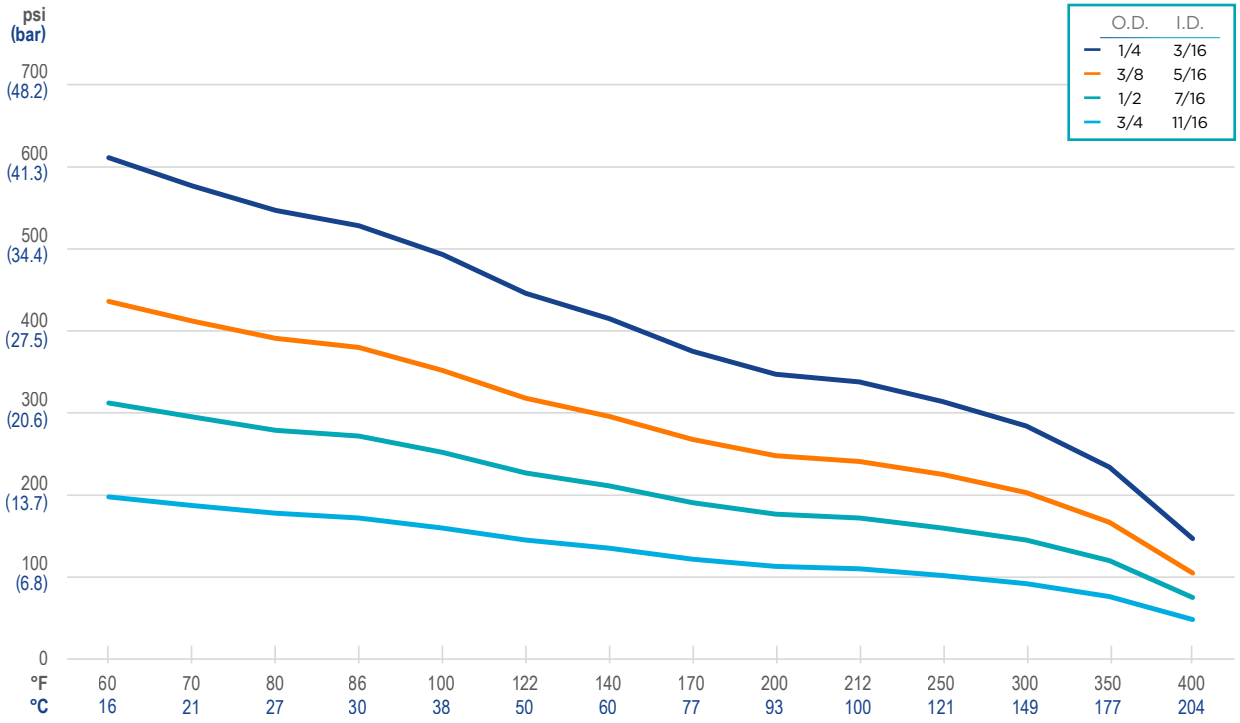
Values are obtained either by testing or calculation.
Contact us for more detail for pressure curves not represented on these graphs.

FURON®
Pure Performance

MAXIMUM BURST PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

BURST PRESSURES

Thin Wall



Values are obtained either by testing or calculation.
Contact us for more detail for pressure curves not represented on these graphs.

SEE MORE ON FURON HP PFA 400 + HP PFA 400 UC TUBING

SAINT-GOBAIN LIFE SCIENCES
ELECTRONICS
furon.com

FLS-6189-0326-SGLS

SAINT-GOBAIN