FURON®
Pure Performance

WORKING PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

WORKING 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	321	303	287	278	258	233	216	195	180	175	162	146	120	73
1/4	5/32	0.047	239	226	214	207	193	174	162	147	136	132	123	111	92	57
3/8	1/4	0.062	210	198	188	182	169	153	142	129	119	116	108	97	80	50
1/2	3/8	0.062	153	144	137	132	123	111	104	94	87	84	79	71	59	37
3/4	5/8	0.062	109	103	98	95	88	80	74	67	62	60	56	51	42	26
1	7/8	0.062	78	74	70	68	63	57	53	48	44	43	40	36	30	19
1-1/4	1.1	0.075	74	70	67	64	60	54	50	46	42	41	38	35	29	18
1.575	1.403	0.086	67	63	60	58	54	49	45	41	38	37	34	31	26	16
Heavy Wall																
1/4	1/8	0.062	327	309	293	284	264	239	222	201	186	181	168	152	126	79
3/4	0.564	0.093	151	143	135	131	122	110	103	93	86	84	78	70	58	36
1	0.81	0.093	111	105	99	96	89	81	75	68	63	61	57	51	42	27
1-1/4	1.06	0.093	95	90	85	83	77	70	65	58	54	53	49	44	37	23
1-1/2	1.31	0.093	77	73	69	67	62	56	52	47	44	43	40	36	30	19
Thin Wall																
1/4	3/16	0.031	153	144	137	132	123	111	104	94	87	84	79	71	59	37
3/8	5/16	0.031	109	103	98	95	88	80	74	67	62	60	56	51	42	26
1/2	7/16	0.031	78	74	70	68	63	57	53	48	44	43	40	36	30	19
3/4	11/16	0.031	50	47	44	43	40	36	34	30	28	27	26	23	19	12

WORKING 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	22.2	20.9	19.8	19.2	17.8	16.1	14.9	13.4	12.4	12.1	11.2	10.1	8.2	5.0
6.35	3.97	1.19	16.5	15.6	14.7	14.3	13.3	12.0	11.2	10.1	9.3	9.1	8.5	7.7	6.3	4.0
9.52	6.35	1.57	14.5	13.7	12.9	12.5	11.7	10.6	9.8	8.9	8.2	8.0	7.4	6.7	5.5	3.5
12.7	9.52	1.57	10.5	10.0	9.4	9.1	8.5	7.7	7.1	6.5	6.0	5.8	5.4	4.9	4.0	2.5
19.05	15.87	1.57	7.5	7.1	6.7	6.6	6.1	5.5	5.1	4.6	4.3	4.2	3.9	3.5	2.9	1.8
25.4	22.22	1.57	5.4	5.1	4.8	4.7	4.3	3.9	3.6	3.3	3.0	3.0	2.8	2.5	2.1	1.3
31.75	27.94	1.90	5.1	4.8	4.6	4.4	4.1	3.7	3.5	3.1	2.9	2.8	2.6	2.4	2.0	1.2
40	35.64	2.18	4.6	4.4	4.1	4.0	3.7	3.4	3.1	2.8	2.6	2.5	2.4	2.1	1.8	1.1
Heavy Wall																
6.35	3.2	1.57	22.5	21.3	20.2	19.6	18.2	16.5	15.3	13.9	12.8	12.5	11.6	10.5	8.7	5.4
19.05	14.3	2.36	10.4	9.9	9.3	9.0	8.4	7.6	7.1	6.4	5.9	5.8	5.4	4.8	4.0	2.5
25.4	20.7	2.36	7.7	7.2	6.8	6.6	6.1	5.6	5.2	4.7	4.3	4.2	3.9	3.5	2.9	1.9
31.75	27.0	2.36	6.6	6.2	5.9	5.7	5.3	4.8	4.5	4.0	3.7	3.7	3.4	3.0	2.6	1.6
38.1	33.4	2.36	5.3	5.0	4.8	4.6	4.3	3.9	3.6	3.2	3.0	3.0	2.8	2.5	2.1	1.3
Thin Wall																
6.35	4.76	0.79	10.5	9.9	9.4	9.1	8.5	7.7	7.2	6.5	6.0	5.8	5.4	4.9	4.1	2.6
9.52	7.94	0.79	7.5	7.1	6.8	6.6	6.1	5.5	5.1	4.6	4.3	4.1	3.9	3.5	2.9	1.8
12.7	11.11	0.79	5.4	5.1	4.8	4.7	4.3	3.9	3.7	3.3	3.0	3.0	2.8	2.5	2.1	1.3
19.05	17.46	0.79	3.4	3.2	3.0	3.0	2.8	2.5	2.3	2.1	1.9	1.9	1.8	1.6	1.3	0.8

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

See graphs on following page

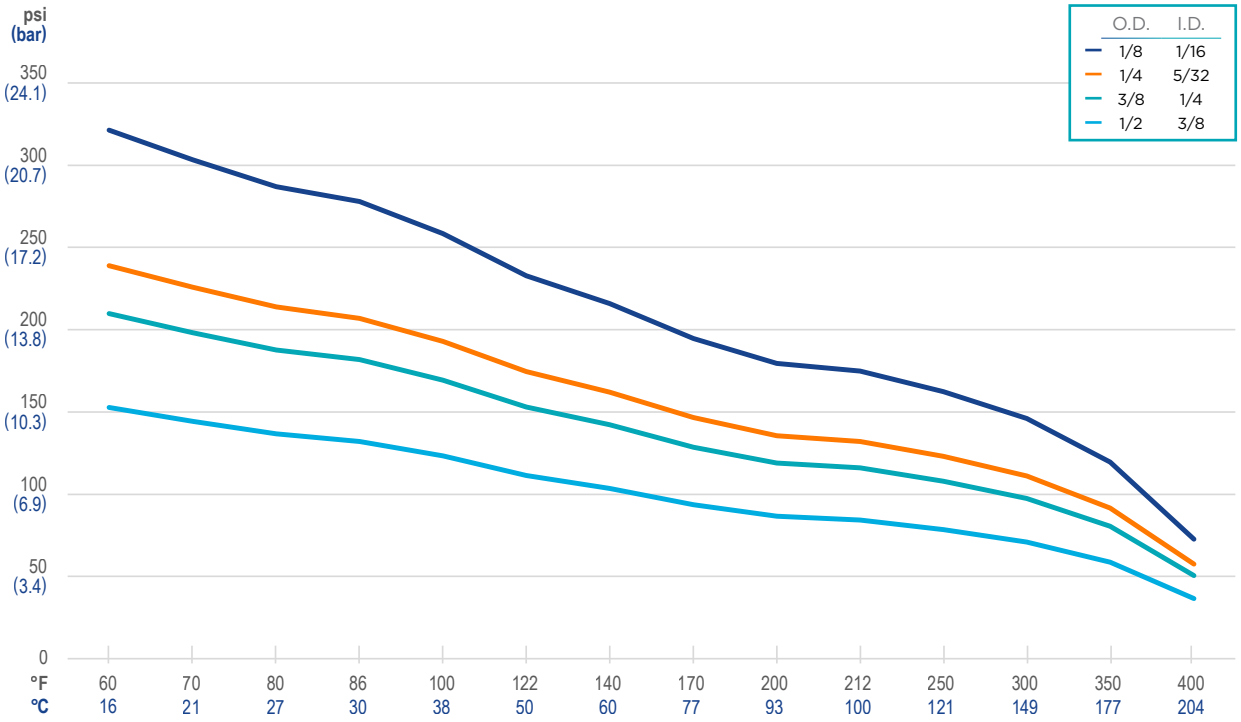
SEE MORE ON FURON HP PFA 400 + HP PFA 400 UC TUBING

SAINT-GOBAIN

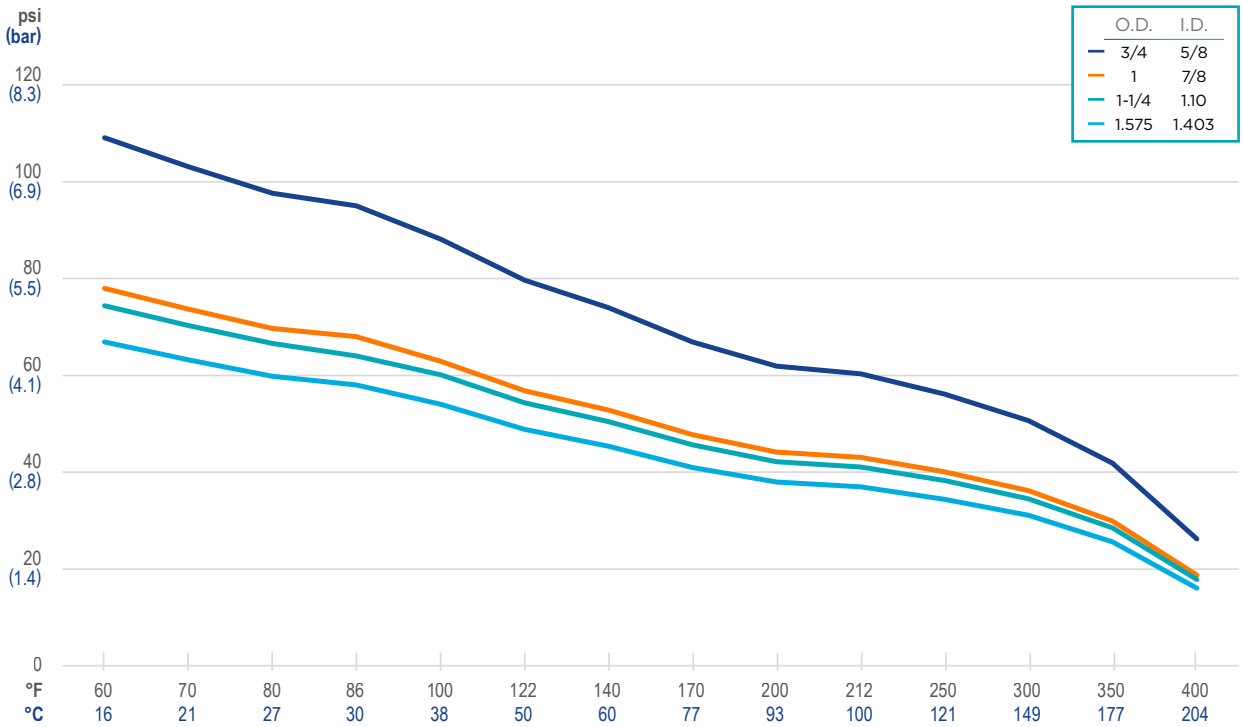
WORKING PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

WORKING PRESSURES

Standard Wall - High Pressure



Standard Wall - Low Pressure

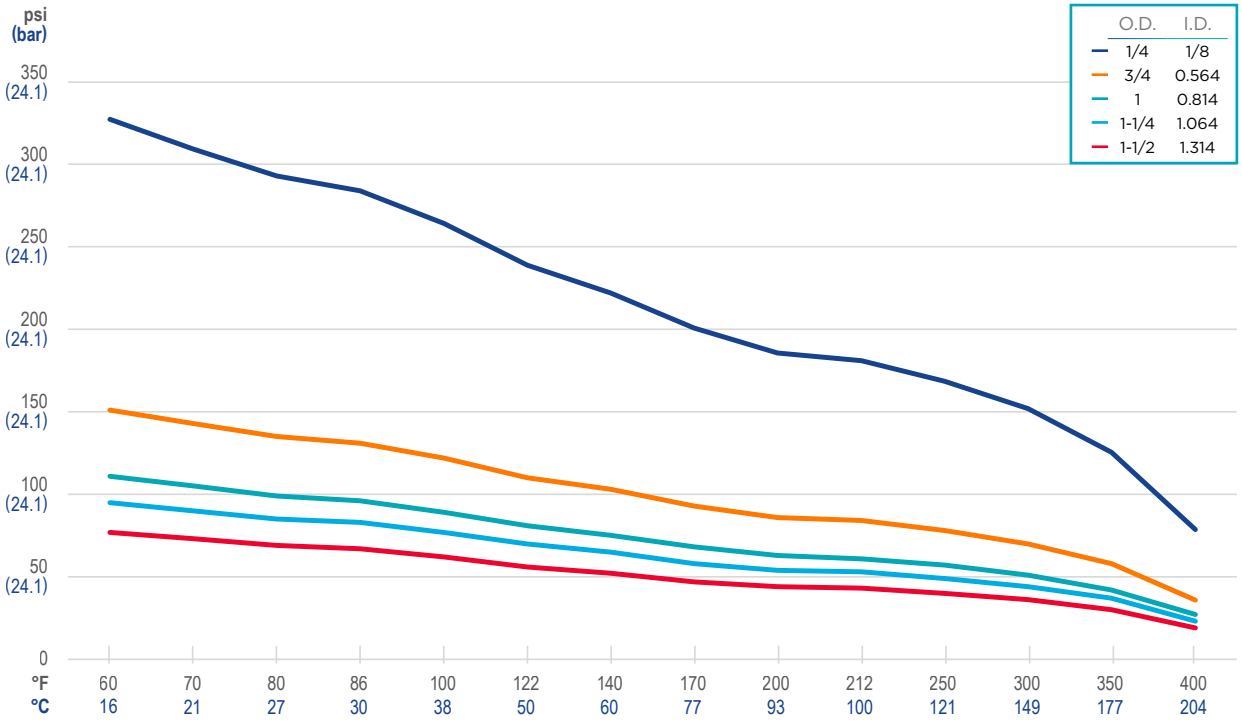


Values are obtained either by testing or calculation.
Contact us for more detail for pressure curves not represented on these graphs.

WORKING PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

WORKING PRESSURES

Heavy Wall



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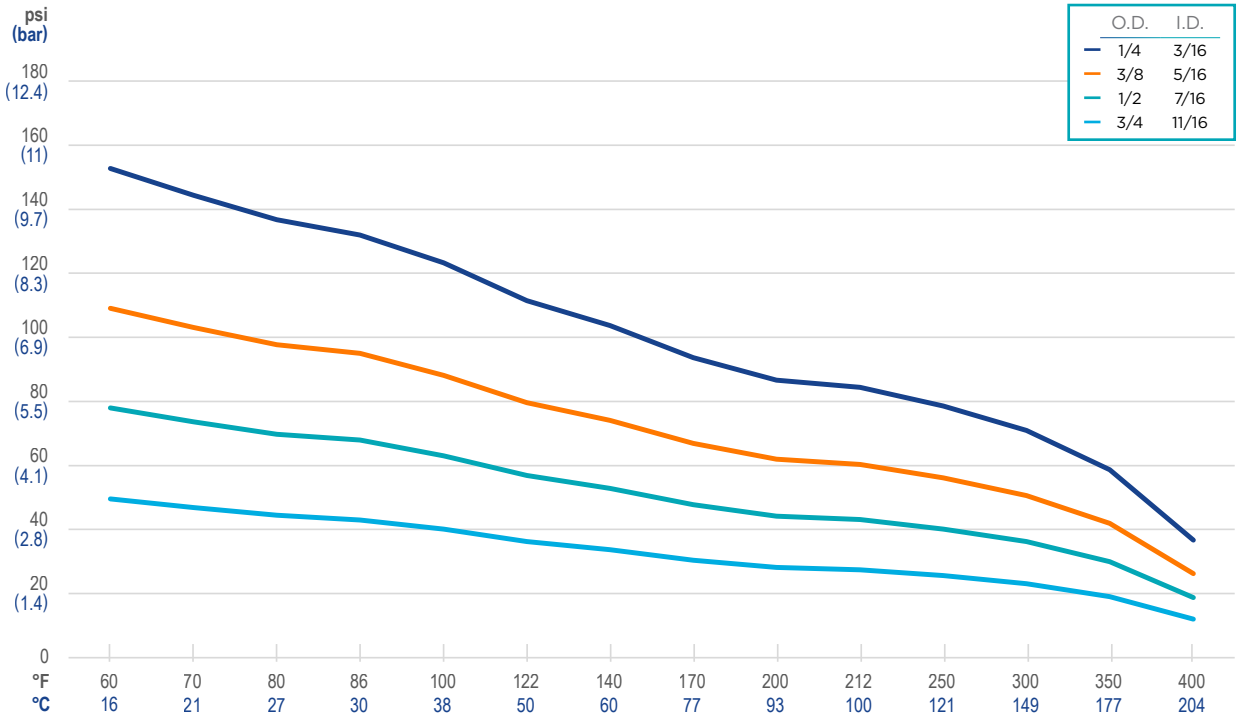
WORKING PRESSURES FOR FURON® HP PFA 400 & HP PFA 400 UC TUBING

WORKING PRESSURES

Thin Wall



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