

**PLR Minimum & Maximum Burst Pressure @ 72° F (psig) / 22° C (barg)**

Size			Nickel	Monel	Inconel	316 S.S.	Hast C-276	Minimum Pressure w/fluoropolymer liner
1"	MIN	psig	12	11	13	12	12	17.5
		barg	0.8	0.8	0.9	0.8	0.8	1.2
DN 25	MAX	psig	60	80	56	91	100	--
		barg	4.1	5.5	3.9	6.3	6.9	--
1.5"	MIN	psig	7	6	10	9	19	11
		barg	0.5	0.4	0.7	0.6	1.3	0.8
DN 40	MAX	psig	77	104	116	132	165	--
		barg	5.3	7.2	8	9.1	11.4	--
2"	MIN	psig	8	6	8	6	9	8
		barg	0.6	0.4	0.6	0.4	0.6	0.6
DN 50	MAX	psig	50	67	60	92	118	--
		barg	3.4	4.6	4.1	6.3	8.1	--
3"	MIN	psig	4	3	4	3	4	6
		barg	0.3	0.2	0.3	0.2	0.3	0.4
DN 80	MAX	psig	35	42	45	64	96	--
		barg	2.4	2.9	3.1	4.4	6.6	--
4"	MIN	psig	3	2	3	2	3	4.5
		barg	0.2	0.1	0.2	0.1	0.2	0.3
DN 100	MAX	psig	39	50	35	65	91	--
		barg	2.7	3.4	2.4	4.5	6.3	--
6"	MIN	psig	2	2	2	2	2	3
		barg	0.1	0.1	0.1	0.1	0.1	0.2
DN 150	MAX	psig	29	49	40	50	78	--
		barg	2	3.4	2.8	3.4	--	--
8"	MIN	psig	2	2	2	2	2	3
		barg	0.1	0.1	0.1	0.1	0.1	0.2
DN 200	MAX	psig	30	50	40	50	75	--
		barg	2.1	3.4	2.8	3.4	--	--
10"	MIN	psig	CONSULT FACTORY					
		barg						
DN 250	MAX	psig						
		barg						
12"	MIN	psig	CONSULT FACTORY					
		barg						
DN 300	MAX	psig						
		barg						
Max Temp	deg. F	750	750	800	800	800	500	
	deg. C	398.9	398.9	426.7	426.7	426.7	260	

\* Certain types of fluoropolymer have different temperature limitations, PFA is used unless otherwise specified. Temperature maximums are subject to decrease if PFA is not used.



**Burst Tolerance:**

±10% at or above 40 psig	±3 psig from 5 to 40 psig	±1.5 psig below 5 psig
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