

PN63	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.0460	63.0	63.0	56.7	50.4	44.9	39.4	34.7										
1.5415	63.0	63.0	63.0	63.0	59.0	56.7	52.9	51.0	36.5	16.3							
1.7335	63.0	63.0	63.0	63.0	63.0	63.0	56.7	56.0	50.4	27.1	21.2	17.0	13.8	10.5			
1.7715	63.0	63.0	63.0	63.0	59.2	53.6	49.8	47.3	43.5	35.9	34.0	32.1	32.1	31.5	27.1	26.1	25.1
1.7383	63.0	63.0	63.0	63.0	63.0	63.0	56.7	54.2	50.4	30.2	26.5	22.7	19.6	16.4	15.1	13.4	11.6
1.4571	63.0	61.7	57.9	54.9	53.3	51.4	50.1	50.0	49.9	49.6	49.4	49.1	45.8	42.6	39.5	35.7	32.2
1.4903	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	59.2	58.0	52.9	50.8	49.1	40.1	37.3	35.4

PN100	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.0460	100.0	100.0	90.0	80.0	71.3	62.5	55.0										
1.5415	100.0	100.0	100.0	100.0	94.0	90.0	84.0	81.0	58.0	25.8							
1.7335	100.0	100.0	100.0	100.0	100.0	100.0	90.0	88.5	80.0	43.0	33.6	27.0	21.8	16.6			
1.7715	100.0	100.0	100.0	100.0	94.0	85.0	79.0	75.0	69.0	57.0	54.0	51.0	51.0	50.0	43.0	41.4	39.8
1.7383	100.0	100.0	100.0	100.0	100.0	100.0	90.0	86.0	80.0	48.0	42.0	36.0	31.0	26.0	24.0	21.2	18.4
1.4571	100.0	98.0	92.5	87.2	84.2	81.6	79.6	79.5	79.2	78.8	78.4	78.0	72.7	67.7	62.7	56.6	51.1
1.4903	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.0	92.0	84.0	80.6	78.0	63.6	59.2	56.2

PN160	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.0460	160.0	160.0	144.0	128.0	114.0	100.0	88.0										
1.5415	160.0	160.0	160.0	160.0	151.0	144.0	134.0	129.0	92.8	41.3							
1.7335	160.0	160.0	160.0	160.0	160.0	160.0	144.0	140.0	128.0	68.8	53.8	43.2	34.9	26.6			
1.7715	160.0	160.0	160.0	160.0	150.0	136.0	126.0	120.0	111.0	92.0	87.0	82.0	81.0	80.0	69.0	66.4	63.9
1.7383	160.0	160.0	160.0	160.0	160.0	160.0	144.0	138.0	128.0	76.8	67.2	57.6	49.6	41.6	38.4	33.9	29.4
1.4571	160.0	156.8	148.0	139.5	134.7	130.6	127.4	127.2	126.7	126.1	125.4	124.8	116.3	108.3	100.3	90.6	81.8
1.4903	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	150.4	147.2	134.4	129.0	124.8	101.8	94.7	89.9

PN250	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.0460	250.0	250.0	225.0	200.0	178.0	156.0	138.0										
1.5415	250.0	250.0	250.0	250.0	238.0	225.0	210.0	203.0	145.0	64.5							
1.7335	250.0	250.0	250.0	250.0	250.0	250.0	225.0	218.0	200.0	108.0	84.0	67.5	54.5	41.5			
1.7715	250.0	250.0	250.0	250.0	234.0	213.0	197.0	188.0	173.0	143.0	135.0	128.0	127.0	126.0	107.0	103.0	99.0
1.7383	250.0	250.0	250.0	250.0	250.0	250.0	225.0	215.0	200.0	120.0	105.0	90.0	77.5	65.0	60.0	53.0	46.0
1.4571	250.0	245.0	231.3	218.0	210.5	204.0	199.0	198.8	198.0	197.0	196.0	195.0	181.7	169.2	156.6	141.6	127.8
1.4903	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	235.0	230.0	210.0	201.5	195.0	159.0	148.0	140.5

PN320	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.0460	320.0	320.0	288.0	256.0	228.0	200.0	176.0										
1.5415	320.0	320.0	320.0	320.0	302.0	288.0	268.8	258.0	186.0	82.6							
1.7335	320.0	320.0	320.0	320.0	320.0	320.0	288.0	283.0	256.0	138.0	108.0	86.4	69.8	53.1			
1.7715	320.0	320.0	320.0	320.0	300.0	273.0	252.0	240.0	221.0	183.0	173.0	163.0	162.0	161.0	138.0	132.9	127.7
1.7383	320.0	320.0	320.0	320.0	320.0	320.0	288.0	275.0	256.0	154.0	134.0	115.0	99.1	83.2	76.8	67.9	58.9
1.4571	320.0	313.6	296.0	279.0	269.4	261.1	254.7	254.4	253.4	252.2	250.9	249.6	232.6	216.5	200.5	181.3	163.6
1.4903	320.0	320.0	320.0	320.0	320.0	320.0	320.0	320.0	320.0	300.8	294.4	268.8	257.9	249.6	203.5	189.4	179.8

PN400	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.0460	400.0	400.0	360.0	320.0	250.0	225.0	220.0										
1.5415	400.0	400.0	400.0	400.0	379.0	360.0	336.0	322.0	232.0	103.0							
1.7335	400.0	400.0	400.0	400.0	400.0	400.0	360.0	353.0	320.0	172.0	134.0	108.0	86.2	64.4			
1.7715	400.0	400.0	400.0	400.0	375.0	341.0	316.0	300.0	277.0	229.0	216.0	204.0	202.0	201.0	172.0	165.6	159.2
1.7383	400.0	400.0	400.0	400.0	400.0	400.0	360.0	344.0	320.0	192.0	168.0	144.0	124.0	104.0	96.0	84.8	73.6
1.4571	400.0	392.0	370.0	348.8	336.8	326.4	318.4	318.0	316.8	315.2	313.6	312.0	290.7	270.7	250.6	226.6	204.5
1.4903	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	376.0	368.0	336.0	322.4	312.0	254.4	236.8	224.8

PN500	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.0460	500.0	500.0	450.0	400.0	312.5	281.3	275.0										
1.5415	500.0	500.0	500.0	500.0	473.0	450.0	420.0	403.0	290.0	129.0							
1.7335	500.0	500.0	500.0	500.0	500.0	500.0	450.0	439.0	400.0	215.0	168.0	135.0	109.0	83.0			
1.7715	500.0	500.0	500.0	500.0	469.0	426.0	395.0	375.0	346.0	286.0	271.0	255.0	253.0	251.0	215.0	207.0	199.0
1.7383	500.0	500.0	500.0	500.0	500.0	500.0	450.0	430.0	400.0	240.0	210.0	180.0	155.0	130.0	120.0	106.0	92.0
1.4571	500.0	490.0	462.5	436.0	421.0	408.0	398.0	397.5	396.0	394.0	392.0	390.0	363.4	338.4	313.3	283.2	255.6
1.4903	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	470.0	460.0	420.0	403.0	390.0	318.0	296.0	281.0

PN630	Maximal allowable working pressure (bar) at temperature (°C)																
Material	-10	200	250	300	350	400	450	470	500	530	540	550	560	570	580	590	600
1.5415	630.0	630.0	630.0	630.0	596.0	567.0	529.2	507.8	365.4	162.5							
1.7335	630.0	630.0	630.0	630.0	630.0	630.0	567.0	553.1	504.0	270.9	211.7	170.1	137.4	104.6			
1.7715	630.0	630.0	630.0	630.0	591.0	537.0	497.0	473.0	435.0	360.0	341.0	321.0	319.0	316.0	271.0	260.9	250.8
1.7383	630.0	630.0	630.0	630.0	630.0	630.0	567.0	541.8	504.0	302.4	264.6	226.8	195.3	163.8	151.2	133.6	115.9
1.4571	630.0	617.4	582.8	549.4	530.5	514.1	501.5	500.9	499.0	496.4	493.9	491.4	457.9	426.3	394.7	356.9	322.1
1.4903	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	592.2	579.6	529.2	507.8	491.4	400.7	373.0	354.1