

MATERIAL – PRESSURE COMPATABILITY TABLE TO DIN 2401

Pressure Class PN	Material Types					Max. working pressure (bar) at various temperatures										
	Valves				Bolts DIN 2507	120	200	250	300	350	400					
	Cast Iron	Ductile Iron	Cast Steel	Steel		°C										
6	GG-25	GGG-38	-	St 37-2	4 D	6	-	-	-							
						6	5	4,5	3,6							
10	GG-25	GGG-38	GS-45	St 37-2	4 D	10	-	-	-							
						10	8	7	6							
16	GG-25	GGG-38	GS-45	St 37-2	4 D	16	-	-	-							
						16	13	11	10							
						-	-	GS-C 25	C 22 N	C 35	16	14	13	11	10	8
25	-	GGG-38	GS-45.5	C 22 N	4 D	25	-	-	-							
						25	20	18	16							
						-	-	GS-C 25	C 35	25	22	20	17	16	13	
						-	-	GS-22 Mo 4	15 Mo 3	24 CrMo 5			25	22	20	19
40	-	-	GS-17 CrMo55	13 CrMo 44	24 CrMoV55	40	32	28	24							
						40	-	-	-							
						-	-	GS-C 25	C 35	40	35	32	28	24	21	
						-	-	GS-22 Mo 4	15 Mo 3	24 CrMo 5			40	35	31	30
						-	-	GS-17 CrMo55	13 CrMo 44	24 CrMoV55			40	38	36	36
63	-	-	GS-C 25	C 22 N	C 35	63	36	29	24							
						63	50	45	40							
						63	-	-	-							
						63	50	45	40	36	32					
100	-	-	GS-22 Mo 4	15 Mo 3	24 CrMo 5	100	80	70	60							
						100	-	-	-							
						100	80	70	60	56	50					
160	-	-	GS-17 CrMo55	13 CrMo 44	24 CrMoV55			100	87	78	74					
								100	95	91						
						160	130	112	96							
250	-	-	GS-C 25	C 22 N	C 45	160	130	112	96	90	80					
						160	-	-	-							
						250	200	175	150							
250	-	-	GS-C 25	C 22 N	C 45	250	-	-	-							
						250	200	175	150	140	125					
						250	200	175	150	140	125					