

VALVE SUITABILITY

	Product	Steam	Water	Oil	Air	Gas Inert	Gas Combustible	Gas Corrosive	Gas Oxygen
Ball Valves	PB700	✓	✓	✓	✓ *	✓ *	✓ *	✓ *	X
	PB500 RED	✓	✓	✓	✓ *	X	X	X	X
	PB 500 YELLOW	✓	✓	✓	✓ *	✓ *	✓ *	✓ *	X
Gate Valves	1065	X	✓	✓	X	X	X	X	X
	1068	✓	✓	✓	X	X	X	X	X
Globe Valves	1029	✓	✓	✓	✓ X	✓ X	✓ *	✓ *	X
Check Valves	1039	✓	✓	✓	X	X	X	X	X
	1060A	✓	✓	✓	X	X	X	X	X
	1062	✓	✓	✓	X	X	X	X	X

THREAD DEPTHS (mm)

	Product	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
Ball Valves	PB700	11.5	11.9	15.4	16.7	19.4	21.7	21.4	26.0	30.5	33.5	39.5
	PB500 RED	11.5	11.9	15.4	16.7	19.4	21.7	26.0	26.0	30.5	33.5	39.5
Gate Valves	1065	-	-	12.7	14.0	16.1	18.5	18.5	28.8	-	-	-
	1068	-	-	15.0	16.3	16.1	21.4	18.5	28.8	30.2	33.3	39.3
Globe Valves	1029	7.5	7.9	9.9	11.1	12.3	14.3	14.3	18.2	19.8	22.6	-
Check Valves	1039	-	-	-	11.1	12.3	14.3	14.3	18.2	-	-	-
	1060A	-	-	-	16.3	19.1	21.4	21.4	25.7	25.0	33.0	33.0
	1062	2	-	-	16.7	19.0	-	-	-	-	-	-

OPERATIONAL LIMITS

	Product	PN	Non Shock Pressure@ Temp. Range	Non Shock Pressure @ Max. Range
Ball Valves	PB700	40	40 Bar - 10°C to 110°C	10 Bar at 180°C
	PB500 RED	25	25 Bar - 10°C to 110°C	16.5 Bar at 150°C
Gate Valves	1065	17.5	17.5 Bar - 0°C to 25°C	17.5 Bar at 93°C
	1068	20	20 Bar - 10°C to 110°C	9 Bar at 180°C
Globe Valves	1029	32	32 Bar - 10°C to 110°C	14 Bar at 198°C
Check Valves	1039	32	32 Bar - 10°C to 110°C	14 Bar at 198°C
	1060A	25	25 Bar - 10°C to 110°C	10.5 Bar at 186°C
	1062	25	25 Bar - 10°C to 110°C	10.5 Bar at 186°C

PED CATEGORISATION TABLE

	Product	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
Ball Valves	PB700	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	Cat I	Cat I	Cat I	Cat I	Cat I	Cat I
	PB500 RED	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P
Gate Valves	1065	-	-	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	-	-	-
	1068	-	-	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P
Globe Valves	1029	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	Cat I	Cat I	Cat I	Cat I	Cat I	Cat I
Check Valves	1039	-	-	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	-	-	-
	1060A	-	-	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	Cat I
	1062	-	-	S.E.P	S.E.P	S.E.P	-	-	-	-	-	-