

TNG Energy Services Inc.

Geothermal Valve Pressure – Temperature Chart

PRESSURE - TEMPERATURE CHART

		WORKING PRESSURE															
		API 6D Valves												API 6A Valves			
TEMPERATURE		ANSI Class												API Class			
		300		400		600		900		1500		2500		2000		3000	
Deg F	Deg C	psi	Mpa	psi	Mpa	psi	Mpa	psi	Mpa	psi	Mpa	psi	Mpa	psi	Mpa	psi	Mpa
200	93	750	5.2	1000	6.9	1500	10.3	2250	15.5	3750	25.9	6250	43.1	2000	13.8	3000	20.7
300	149	730	5	970	6.7	1500	10.1	2185	15.1	3640	25.1	6070	41.9	1955	13.5	2930	20.2
400	204	705	4.9	940	6.5	1410	14.6	2115	14.6	3530	24.3	5880	40.5	1860	12.8	2735	18.9
500	260	665	4.6	885	6.1	1330	13.8	1995	13.8	3325	23	5540	38.2	1735	12	2605	18
600	316	605	4.2	805	5.6	1210	8.3	1815	12.5	3025	20.9	5040	34.7	1540	106	2310	15.9
650	343	590	4.1	785	5.4	1175	8.1	1765	12.2	2940	20.3	4905	33.8	1430	9.9	2145	14.8
700	371	570	5.9	755	5.2	1135	7.8	1705	11.8	2840	29.6	4730	32.5				
750	199	530	3.7	710	4.9	1065	7.3	1595	11	2660	18.3	4430	30.5				
800	427	510	3.5	675	4.7	1015	7	1525	10.5	2540	15.5	4230	29.1				
850	454	485	3.3	650	4.5	975	6.7	1460	10	2435	16.8	4060	28				
900	482	450	3.1	600	4.1	900	6.2	1350	9.3	2245	15.5	3745	25.8				
950	510	320	2.2	425	2.9	640	4.4	955	6.6	1595	11	2655	18.3				
1000	538	215	1.5	290	2	430	3	650	4.5	1080	7.4	1800	12.4				

