

TMI[®] Pipe - Pressure Rating Guide

Size Range & Maximum Allowable Working Pressure - ^{PSI}
Bore dia.(in)

Carbon Steel (Table 3.)

Pipe	Nominal Pipe Size*												Ref. Page
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	
TMP52CD SCHEDULE 40 PIPE	6200 0.622	5000 0.824	4700 1.049	3900 1.380	3500 1.610	2900 2.067	-	-	-	-	-	-	A6
TMP44HR SCHEDULE 40 PIPE	-	-	-	-	-	-	2600 2.469	2300 3.068	1900 4.026	1700 5.047	1500 6.065	1300 7.981	A7
TMP52CD SCHEDULE 80 PIPE	8600 0.546	7000 0.742	6500 0.957	5400 1.278	4900 1.500	4200 1.939	4500 2.323	3900 2.900	3420 3.826	-	-	-	A6
TMP52CD SCHEDULE 160 PIPE	-	-	-	-	6930 1.338	6750 1.689	6030 2.125	-	-	-	-	-	A6
TMP52CD HEAVY WALL PIPE	-	-	-	-	7400 1.540	6100 1.930	5900 2.360	5900 2.870	6200 3.350	-	-	-	A6
TMP106HR HEAVY WALL PIPE	-	-	-	-	-	-	-	-	-	5200 4.063	5000 4.897	4100 6.813	A7

* FOR SIZES 10" OR LARGER CONSULT FACTORY

- NOTE:
- 1) MAXIMUM ALLOWABLE WORKING PRESSURES ARE BASED ON THE PIPE RATING PER ANSI B31.3
 - 2) TYPE 52CD MATERIAL ALLOWABLE STRESS - 24,000 PSI PER ANSI B31.3
 - 3) TYPE 44HR MATERIAL ALLOWABLE STRESS - 20,000 PSI PER ANSI B31.3
 - 4) TYPE 46CD MATERIAL ALLOWABLE STRESS - 34,000 PSI PER ANSI B31.3
 - 5) TYPE 106HR MATERIAL ALLOWABLE STRESS - 20,000 PSI PER ANSI B31.3