

Malleable Iron Threaded Fittings Pressure - Temperature Ratings

Source of bar & Temp values: ASME B16.3-2006

Pressure-Temperature Ratings

Working Pressure: UOM=bar & PSI

		Class 150		Class 300					
				NPS (Normal Pipe Size)					
				1/4" - 1"		1 1/4 - 2"		2 1/2 - 3"	
Temp °C	Temp °F	bar	PSI	bar	PSI	bar	PSI	bar	PSI
-29 to 66	-20 to 151	20.7	300.23	137.90	2000.07	103.4	1499.69	69.0	1000.76
100	212	17.5	253.82	119.60	1734.65	90.5	1312.59	61.5	891.98
125	257	15.2	220.46	106.40	1543.20	81.1	1176.26	56.1	813.66
150	302	12.8	185.65	93.10	1350.30	71.8	1041.37	50.7	735.34
175	347	10.5 (See Note)	152.29	79.90	1158.85	62.5	906.49	45.2	655.57
200	392	...	...	66.60	965.95	53.1	770.15	39.8	577.25
225	437	...	...	53.40	774.50	43.8	635.27	34.3	497.48
250	482	...	...	40.10	581.60	34.5	500.38	28.9	419.16
275	527	...	...	26.90	390.15	25.2	365.50	23.4	339.39
288	550	...	...	20.70	300.23	20.7	300.23	20.7	300.23

Note:
Permissible for service temperature up to 186°C,
reflecting the temperature of saturated steam at 10.3 bar.

