

Malleable Pipe Fittings and Unions Class 150, 250, 300

Malleable Iron Threaded Pipe Unions Pressure - Temperature Ratings							
Temperature		Pressure					
		Class 150		Class 250		Class 300	
(°F)	(°C)	psi	bar	psi	bar	psi	bar
-20° to 150°	-28.9° to 65.6°	300	20.7	500	34.5	600	41.4
200°	93.3	265	18.3	455	31.4	550	37.9
250°	121.1	225	15.5	405	27.9	505	34.8
300°	148.9	185	12.8	360	24.8	460	31.7
350°	176.7	150	10.3	315	21.7	415	28.6
400°	204.4	110	7.6	270	18.6	370	25.5
450°	232.2	75	5.2	225	15.5	325	22.4
500°	260.0	-	-	180	12.4	280	19.3
550°	287.8	-	-	130	9.0	230	15.9

Note: Unions with Copper or Copper Alloy seats are not intended for use where temperature exceeds 450°F

Malleable Iron Threaded Fittings Pressure - Temperature Ratings									
Temperature		Pressure							
		Class 150		Class 300					
				Sizes 1/4" - 1" (6 - 25 mm)		Sizes 1 1/4" - 2" (32 - 51 mm)		Sizes 2 1/2" - 3 (64 - 76 mm)	
(°F)	(°C)	psi	bar	psi	bar	psi	bar	psi	
-20° to 150°	-28.9° to 65.6°	300	20.7	2,000	137.9	1,500	103.4	1,000	68.9
200°	93.3	265	18.3	1,785	123.1	1,350	93.1	910	62.7
250°	121.1	225	15.5	1,575	108.6	1,200	82.7	825	56.8
300°	148.9	185	12.8	1,360	93.8	1,050	72.4	735	50.8
350°	176.7	150	10.3	1,150	79.3	900	62.1	650	44.8
400°	204.4	-	-	935	64.5	750	51.7	560	38.8
450°	232.2	-	-	725	50.0	600	41.4	475	33.1
500°	260.0	-	-	510	35.2	450	31.0	385	26.6
550°	287.8	-	-	300	20.7	300	20.7	300	20.7

Anvil Class 150 (standard Weight) Malleable Iron Fittings conform to ASME B16.3 and Unions conform to ASME B16.39.

Anvil standard weight banded pattern fittings in this catalog, sizes 1/8 NPS to 6 NPS (6 to 150 DN) inclusive, are included in the "List

of Inspected Fire Protection Equipment and Materials" in the Underwriters' Laboratories, Inc.

ALL ELBOWS & TEES 3/4" (10 DN) and LARGER ARE 100% GAS TIGHT MINIMUM OF 100 PSI. (6.9 bar)