

TYPICAL PRESSURE-TEMPERATURE RATINGS- LBS PER SQ. INCH

**TABLE NO. 1T
STRAIGHT STEPPED THERMOWELLS
WELL TYPES**

**99, 99L, 100, 101, 100L, 149S, 150S, 151S, 185, 200, 201, 249H, 260WH,
260WL, 260WHL, 299L, 300L, 301L, 325, 326, 349HL, 450H, 451H, 475HL,
476HL, 500L, 501L, ¾ 260W, 1 260W, ¾ 385W, 1 385W**

PRESSURE-TEMPERATURE RATING-LBS. PER SQ. INCH

MATERIAL	TEMPERATURE - °F						
	70°	200°	400°	600°	800°	1000°	1200°
BRASS	5000	4200	1000				
CARBON STEEL	5200	5000	4800	4600	3500	1500	
A.I.S.I. 304	7000	6200	5600	5400	5200	4500	1620
A.I.S.I. 316	7000	7000	6400	6200	6100	5100	2500
MONEL	6500	6000	5400	5300	5200	1500	

**TABLE NO. 2T
TAPERED THERMOWELLS
WELL TYPES**

250H, 251H, 260WH, 260WHL, 350HL, 351HL, 385WH, 385WL, 385WHL

PRESSURE-TEMPERATURE RATING-LBS. PER SQ. INCH

MATERIAL	TEMPERATURE - °F						
	70°	200°	400°	600°	800°	1000°	1200°
BRASS	5300	4750	1100				
CARBON STEEL	5950	5750	5450	5250	4000	1750	
A.I.S.I. 304	7800	7050	6400	6150	6000	5190	1875
A.I.S.I. 316	7800	7800	7250	7100	6950	5800	2720
MONEL	7450	6850	6150	6100	5940	1750	

TYPICAL PRESSURE-TEMPERATURE RATINGS- LBS PER SQ. INCH

**TABLE NO. 3T
INDUSTRIAL THERMOWELLS
WELL TYPES
800, 850S, 875L, 877**

MATERIAL	TEMPERATURE - °F					
	70°	200°	400°	600°	800°	1000°
BRASS	640	575	100			
CARBON STEEL	720	690	660	630	480	210
A.I.S.I. 304	940	850	770	740	720	625
A.I.S.I. 316	940	940	875	850	840	700
MONEL	900	825	740	730	710	210

**WELL TYPES
801, 851, 876L**

MATERIAL	TEMPERATURE - °F					
	70°	200°	400°	600°	800°	1000°
BRASS	1470	320	230			
CARBON STEEL	1650	1590	1520	1450	1100	480
A.I.S.I. 304	2150	1950	1770	1710	1670	1430
A.I.S.I. 316	2150	2150	2010	1960	1920	1610
MONEL	2070	1900	1700	1690	1640	480

NOTE: INDUSTRIAL THERMOWELLS WITH A "U" OF 2-9/16 HAVE

THREE TIMES THE PRESSURE RATING SHOWN

**TABLE NO. 4T
LIMITED SPACE THERMOWELLS
WELL TYPES
49, 50, 51, 52, 53, 149S**

MATERIAL	TEMPERATURE - °F						
	70°	200°	400°	600°	800°	1000°	1200°
BRASS	2810	2530	440				
CARBON STEEL	3160	3140	2900	2770	2100	920	
A.I.S.I. 304	4120	3750	3400	3280	3180	2750	990
A.I.S.I. 316	4120	4120	3850	3760	3680	3080	1490
MONEL	6500	6000	5400	5300	5200	1500	