

CARBON STEEL PLATE FLANGES AS2129/ AS4087 (AS & BS TABLE D to T) PRESSURE RATINGS

Temperature - Pressure Ratings for Carbon Steel Plate Flanges													
Pressure - kPa, Temperature - °C													
"Flange table"	-18°	-50°	250	275	300	325	350	375	400	425	450	475	Maximum hydrostatic test pressure kPa
	to 120	to 232											
D		700	650	600	570	550	500	450	400	350			1 050
C	1 200												1 800
E		1 400	1 300	1 200	1 100	1 000	950	900	800	700			2 100
F		2 100	2 000	1 800	1 700	1 600	1 400	1 300	1 200	1 100			3 150
H		3 500	3 300	3 100	2 900	2 600	2 400	2 000	2 000	1 700	1 300	900	5 250
J		4 800	4 600	4 300	4 000	3 700	3 400	3 100	2 700	2 400	1 900	1 300	7 200
K		6 200	5 900	5 500	5 100	4 700	4 300	3 900	3 500	3 100	2 400	1 600	9 300
R		8 300	7 900	7 400	6 800	6 300	5 800	5 200	4 700	4 200	3 200	2 200	12 450
S		12 400	11 800	11 100	10 300	9 500	8 700	7 900	7 100	6 300	4 800	3 300	18 600
T		19 300	18 400	17 200	16 000	14 700	13 500	12 200	11 000	9 800	7 500	5 100	28 950

AS2129 still in use but now only covers Table D to H (Table C now obsolete), Table J to T now replaced by AS4331 which is a replication of ISO7500-1 which in turn is equivalent to ASME 150-2500 class ANSI B16.5). AS4087 is the new standard covering Table D to H. The same drilling is specified but the PN rating system is used (PN16 to PN35).

For ANSI 150 to 2500 class flange pressure/temperature ratings refer to the forged pressure/temperature ratings shown in the following [link](#).

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Global Supply Line Pty Ltd ABN 86 008 134 512

Head Office - 1 to 23 Barndioota Rd Salisbury Plain South Australia 5109 Ph +61 (0)8 8285 0000 Fax +61 (0)8 8285 0088 www.globalsupplyline.com.au