

# Druck - Temperatur - Tabelle

## Pressure - Temperature Rating



Material:        **A 350 LF3 - ASME B16.34**

Ratings for group 1.1 materials, standard Class 1.1B

| Temp.<br>[°C] | Temp<br>[°F] | Class 150 |       | Class 300 |       | Class 600 |         | Class 900 |         | Class 1500 |         | Class 2500 |         | Class 4500 |          |
|---------------|--------------|-----------|-------|-----------|-------|-----------|---------|-----------|---------|------------|---------|------------|---------|------------|----------|
|               |              | [bar]     | [psi] | [bar]     | [psi] | [bar]     | [psi]   | [bar]     | [psi]   | [bar]      | [psi]   | [bar]      | [psi]   | [bar]      | [psi]    |
| -28,9         | -20,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 37,8          | 100,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 93,3          | 200,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 148,9         | 300,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 204,5         | 400,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 260,0         | 500,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 315,6         | 600,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 343,4         | 650,0        | 20,0      | 290,0 | 51,7      | 750,0 | 103,5     | 1.500,0 | 155,2     | 2.250,0 | 258,7      | 3.750,0 | 431,1      | 6.250,0 | 776,1      | 11.250,0 |
| 371,1         | 700,0        | 18,9      | 274,0 | 49,0      | 710,0 | 98,3      | 1.425,0 | 147,3     | 2.135,0 | 245,6      | 3.560,0 | 409,1      | 5.930,0 | 736,0      | 10.670,0 |
| 398,9         | 750,0        | 16,6      | 240,0 | 43,5      | 630,0 | 86,9      | 1.260,0 | 130,4     | 1.890,0 | 217,3      | 3.150,0 | 362,2      | 5.250,0 | 651,9      | 9.450,0  |
| 426,7         | 800,0        | 13,5      | 195,0 | 35,5      | 515,0 | 71,1      | 1.030,0 | 106,6     | 1.545,0 | 177,3      | 2.570,0 | 295,6      | 4.285,0 | 532,2      | 7.715,0  |
| 454,5         | 850,0        | 9,0       | 130,0 | 23,1      | 335,0 | 46,2      | 670,0   | 69,3      | 1.005,0 | 115,2      | 1.670,0 | 192,1      | 2.785,0 | 345,9      | 5.015,0  |
| 482,3         | 900,0        | 5,9       | 85,0  | 14,8      | 215,0 | 29,7      | 430,0   | 44,5      | 645,0   | 73,8       | 1.070,0 | 123,1      | 1.785,0 | 221,8      | 3.215,0  |
| 510,0         | 950,0        | 3,4       | 50,0  | 9,0       | 130,0 | 17,9      | 260,0   | 26,6      | 385,0   | 44,5       | 645,0   | 73,8       | 1.070,0 | 133,1      | 1.930,0  |
| 537,8         | 1000,0       | 1,7       | 25,0  | 4,5       | 65,0  | 9,0       | 130,0   | 13,5      | 195,0   | 22,1       | 320,0   | 36,9       | 535,0   | 66,6       | 965,0    |

(1) not to be used over 355°C / 650 F

