

| MATERIAL | | ORDER CODE | MAXIMUM ALLOWABLE WORKING PRESSURE - (MAWP) | | | | TEMPERATURE RANGE | | | |
|--------------------|------------|------------|---|-----------|-----------------|----------|-------------------|-------|-------|--------|
| | | | WELD-IN | | | | | | | |
| ASTM SPECIFICATION | | | 0.265" MAX BORE | | 0.390" MAX BORE | | C | | F | |
| | | | "V" ≥ 5/8" | | "V" ≥ 49/64" | | | | | |
| TYPE/ TRADENAME | | @MIN TEMP | @MAX TEMP | @MIN TEMP | @MAX TEMP | MIN | MAX | MIN | MAX | |
| A479 Gr. 304/304L | 304/304L | 09 | 7304 psi | 3445 psi | 5958 psi | 2823 psi | -28 C | 538 C | -20 F | 1000 F |
| A479 Gr. 316/316L | 316/316L | 08 | 7176 psi | 5118 psi | 5853 psi | 4209 psi | -28 C | 538 C | -20 F | 1000 F |
| A479 Gr. S34700 | 347 | 36 | 7176 psi | 5118 psi | 5853 psi | 4209 psi | -28 C | 538 C | -20 F | 1000 F |
| A105 | A105 | 61 | 8114 psi | 5041 psi | 6704 psi | 4228 psi | -28 C | 482 C | -20 F | 900 F |
| B164 Gr. N04400 | Alloy 400 | 27 | 6132 psi | 3010 psi | 5066 psi | 2693 psi | -28 C | 482 C | -20 F | 900 F |
| B574 Gr. N10276 | Alloy C276 | 29 | 9267 psi | 5671 psi | 7656 psi | 4663 psi | -28 C | 538 C | -20 F | 1000 F |
| A182 Gr. F11 Cl. 2 | F11 Cl. 2 | 60 | 8114 psi | 5118 psi | 6704 psi | 4228 psi | -28 C | 482 C | -20 F | 900 F |
| A182 Gr. F22 Cl. 3 | F22 Cl. 3 | 59 | 10183 psi | 5118 psi | 8307 psi | 4228 psi | -28 C | 482 C | -20 F | 900 F |
| A182 Gr. F91 | F91 | 91 | 13559 psi | 5118 psi | 11052 psi | 4228 psi | -28 C | 482 C | -20 F | 900 F |
| B473 Gr. N08020 | Alloy 20 | 38 | 8299 psi | 5994 psi | 6856 psi | 4952 psi | -28 C | 425 C | -20 F | 800 F |
| B166 Gr. N06600 | Alloy 600 | 03 | 6362 psi | 1505 psi | 5256 psi | 1249 psi | -28 C | 650 C | -20 F | 1200 F |
| B408 Gr. N08800 | Alloy 800 | 37 | 7100 psi | 4887 psi | 5866 psi | 4037 psi | -28 C | 593 C | -20 F | 1100 F |
| A479 Gr. S31008 | 310S | 04 | 7176 psi | 5118 psi | 5853 psi | 4209 psi | -28 C | 538 C | -20 F | 1000 F |
| B166 Gr. N06601 | Alloy 601 | 07 | 6362 psi | 1512 psi | 5256 psi | 1249 psi | -28 C | 650 C | -20 F | 1200 F |
| B160 Gr. N02200 | Nickel 200 | 31 | 3163 psi | 3163 psi | 2613 psi | 2613 psi | -28 C | 316 C | -20 F | 600 F |

- These tables are for reference only. Other design factors should be taken into consideration in addition to temperature and pressure, such as vibration, corrosion, and installation method.

- MAWP data for materials and temperatures not shown on this table is available upon request.

