



Technical Bulletin

**Temperature Correction Factors for
PVC & CPVC Pipe**

Working pressures for pipe are rated at 73.4 deg. Fahrenheit.

Any temperature higher than this will de-rate the pipe based on the charts below.

Note: Multiply the pressure X the factors below.

| <u>Operating Temperature (F)</u> | <u>PVC Factor</u> | <u>CPVC Factor</u> | <u>Polypropylene Factor</u> |
|----------------------------------|-------------------|--------------------|-----------------------------|
| 75 degrees F | 1.00 | 1.00 | 1.00 |
| 80 degrees F | 0.90 | 1.00 | 0.97 |
| 90 degrees F | 0.75 | 0.92 | 0.91 |
| 100 degrees F | 0.62 | 0.85 | 0.85 |
| 110 degrees F | 0.50 | 0.75 | 0.80 |
| 115 degrees F | 0.45 | 0.70 | 0.77 |
| 120 degrees F | 0.40 | 0.65 | 0.75 |
| 125 degrees F | 0.35 | 0.60 | 0.71 |
| 130 degrees F | 0.30 | 0.57 | 0.68 |
| 140 degrees F | 0.22 | 0.50 | 0.65 |
| 150 degrees F | N.R. | 0.45 | 0.57 |
| 160 degrees F | N.R. | 0.40 | 0.50 |
| 170 degrees F | N.R. | 0.32 | N.R. |
| 180 degrees F | N.R. | 0.25 | N.R. |
| 200 degrees F | N.R. | 0.20 | N.R. |
| 210 degrees F | N.R. | 0.15 | N.R. |

N.R. = Not Recommended