

**DESIGN PRESSURE OF CHARTER PLASTICS  
 POTABLE WATER PIPE AT VARIOUS TEMPERATURES**

TEMP ° F.						
73.4°	80 PSI	100 PSI	125 PSI	160 PSI	200 PSI	250 PSI
80°	76 PSI	95 PSI	118 PSI	152 PSI	190 PSI	238 PSI
90°	72 PSI	90 PSI	112 PSI	144 PSI	180 PSI	225 PSI
100°	64 PSI	80 PSI	100 PSI	128 PSI	160 PSI	200 PSI
110°	60 PSI	75 PSI	94 PSI	120 PSI	150 PSI	187 PSI
120°	52 PSI	65 PSI	81 PSI	104 PSI	130 PSI	162 PSI
130°	48 PSI	60 PSI	75 PSI	96 PSI	120 PSI	150 PSI
140°	40 PSI	50 PSI	62 PSI	80 PSI	100 PSI	125 PSI

Testing has shown that pipe remains flexible in extreme cold conditions.  
 Polyethylene pipe is not recommended for applications above 140 degrees Fahrenheit.

