

Temperature Correction Chart for PTFE hoses :

As the operating temperature of a hose assembly increases the Maximum Working Pressure of the assembly decreases. The material and method of fitting attachment determine the maximum pressure at which an assembly can be used. By using the factors given in the chart below, the approximate safe working pressure at elevated temperatures can be calculated for assemblies with crimped fittings.

To use this chart :

- 1 - Determine the maximum working temperature of the application
- 2 - Locate this temperature on the chart and select corresponding correct factor
- 3 - Multiply this factor by the Maximum Working Pressure as specified in Polyhose product specification table
- 4 - The resulted number is the approximate maximum safe working pressure at that elevated temperature.

Temperature (°C)	-60 °C -76 °F	-40 °C -40 °F	-20 °C -4 °F	0 °C 32 °F	20 °C 68 °F	50 °C 122 °F	100 °C 212 °F	120 °C 248 °F	150 °C 302 °F	180 °C 356 °F	200 °C 392 °F	220 °C 428 °F	250 °C 482 °F	260 °C 500 °F
Correction factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.85	0.85	0.77	0.77	0.70

