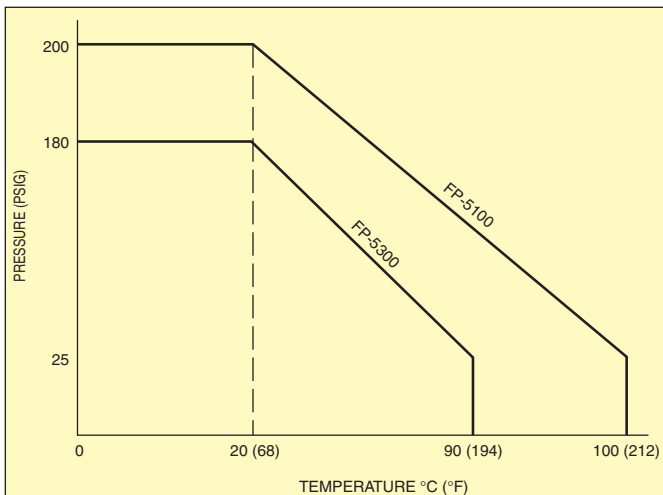


# PRESSURE/TEMPERATURE CHARTS

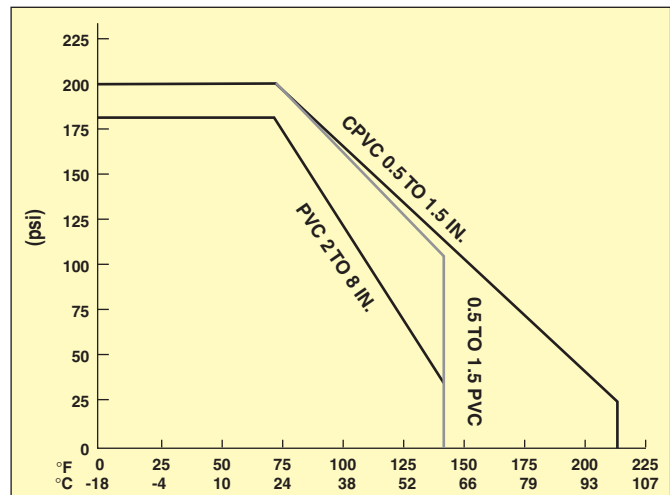
## For FP-5100, FP-5300 and FP-8500 Series Sensors and Associated Fittings

**NOTE:** All pressure/temperature ratings listed are for water under non-shock conditions with no pressure cycling. Various chemicals and cycling pressures up and down can weaken plastics. Fittings must be installed so that the fitting does not carry the weight of the piping and does not suffer from thermal expansion stresses. Water hammer, fluid surges, and cavitation must always be avoided. If the end user elects to thread the plastic fittings with socket ends, the pressure rating will be substantially decreased.

**FP-5100, FP-5300 and FP-8500 Series Sensors Pressure/Temperature Ratings**

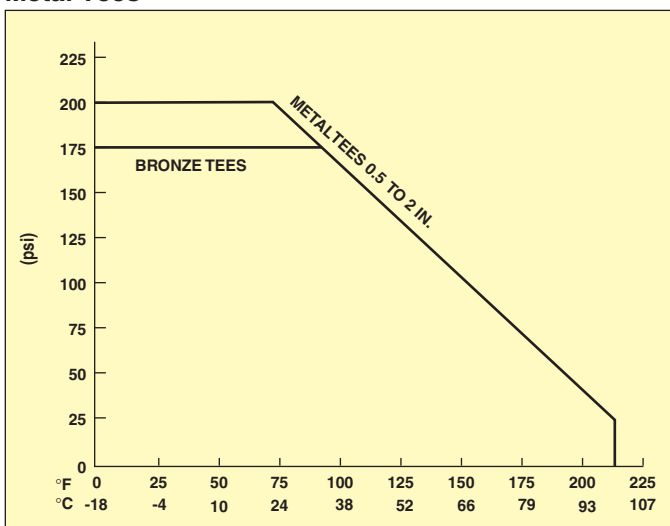


**PVC and CPVC Tees and Saddles**

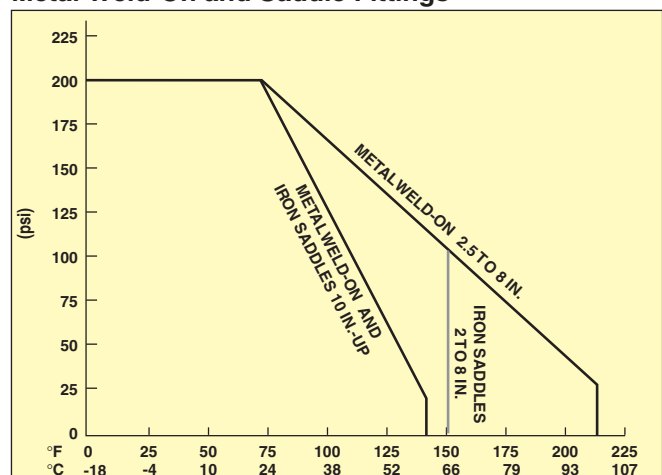


**WARNING:** THE ABOVE PRESSURE/TEMPERATURE CURVES ARE SPECIFICALLY FOR THE FP-5100, FP-5300, AND FP-8500 SENSORS. DURING SYSTEM DESIGN, THE SPECIFICATIONS OF ALL COMPONENTS MUST BE CONSIDERED. IN A METAL PIPING SYSTEM, A PLASTIC SENSOR WILL REDUCE THE SYSTEM SPEC. ON THE OTHER HAND, IF USING A PVDF SENSOR IN A PVC PIPING SYSTEM, THE FITTING WILL REDUCE THE SYSTEM SPEC.

**Metal Tees**



**Metal Weld-On and Saddle Fittings**



*These ratings are for PVC and PVDF fittings. For all metal fittings 10" and larger, a PVC insert is used; for 8" and below, a PVDF insert is used. Use the appropriate curve to determine the maximum pressure rating of these fittings.*



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