

COLD WEATHER INSTALLATION OF UPP® PIPE

UPP® pipework is manufactured from a thermoplastic, which by its nature become more flexible when warmed and more stiff when cold. UPP® pipe can be installed in temperatures as low as -40° C (-40° F), however, at temperatures below 5° C (23° F), the piping may become difficult to handle. The tips listed below will help in the installation of UPP™ in such environments:

- If possible, store the pipe inside in a relatively warm environment 15° C (59° F).
- If possible, cut and couple pipe sections and assemblies inside.
- Pipe can be covered using blankets and kept warm using a heater.
- If pipe cannot be stored inside a building, cover with a tarpaulin or tent like structure and warm with a heater for 20 minutes prior to use.
- The UPP® welding unit has been used on sites in Scandinavia and Russia where the temperature has dropped as low as -25° C (-9° F).
- UPP® pipe has a temperature class T1 according to EN 14125:2013, that means it has passed impact, crush, bend, and puncture tests at a temperature of -40° C (-40° F).

- Working Temperature range: -40° C (-40° F) to 50° C (122° F).
- Minimum welding temperature: -25° C (-9° F).
- Mechanical strength not impeded by cold.
- Perform as much installation as possible in a warm atmosphere (e.g., inside a heated room or tent).



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