

SERVICE APPLICATION RATINGS

The graphs below show (i) the pressure / temperature performance curve for CONSYM's lined pipe and fittings.

Vacuum performance of CONSYM heavy duty PTFE lined piping systems.

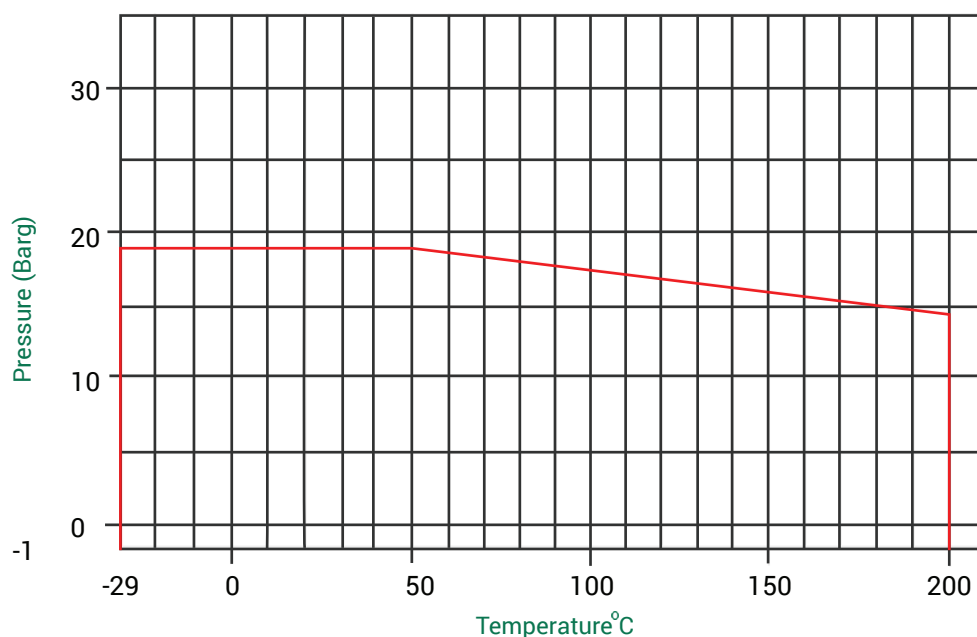
1/2 " NB (DN15) - 8" NB (DN200) suitable for use under full vacuum to 200 °C.

10 " NB (DN250) - 12 " NB (DN300) suitable for use under full vacuum to 150 °C.

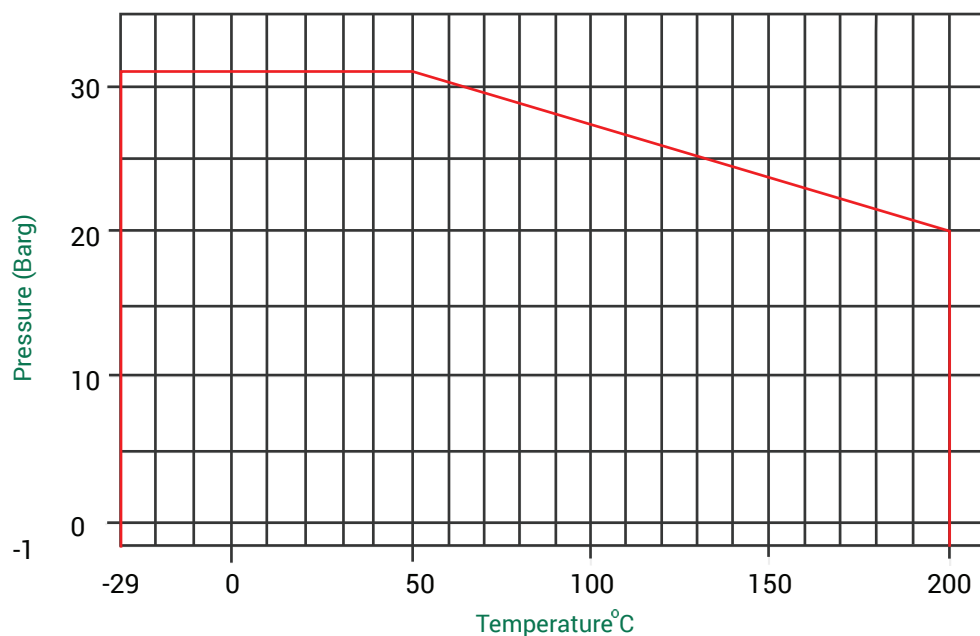
14 " NB (DN350) suitable for use under full vacuum to 50 °C.

On 10 " NB (DN250) - 12 " NB (DN300) lined piping the vacuum resistance drops by 0.05 bar per 10° increase in temperature between 150 °C and 200 °C. Which means 0.85 barg (150 mbar abs.) at 180 °C - 0.75 barg (250 mbar abs.) at 200 °C .

ASME 150 Lined Piping System



ASME 300 Lined Piping System



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