

The Pioneer in CPVC Piping Technology (since 1958)



With its successful track record of **50+ years**, Corzan® has set a new standard for performance with its Corzan® industrial piping solution offerings.

Why Corzan® CPVC?

- Superior resistance to corrosive chemicals
- Exceptional durability even in high temperatures
- Enhanced performance under elevated pressures



Delivering Reliability

For over 60 years, Corzan® Piping Solutions (**Pipe and Fittings, Valves, Ducting, Tower Packings, Sheet and Lining**) have provided reliable and durable industrial systems to meet the demands of harsh environments and rigorous processing applications.

With its proven long-term performance, Corzan® pipe and fittings can stand up in even the toughest process environments.

- Chemical Processing
- Chlor Alkali
- Industrial Water Treatment
- Metal Recuperation and Mineral Processing
- Oil and Gas Applications

Technical Specification Advantages - US

- The only CPVC for industrial systems that meets cell class 24448 for high impact and high heat distortion temperature pipe
- Available in schedule 40 and schedule 80 through 24 in. Diameter
- Available for use in both pressure bearing and high temperature drain applications up to and including 200°F (93.3°C)
- Can withstand three times the impact strength of standard CPVC, which allows the pipe to be more reliable and sustainable
- Has a heat distortion temperature (HDT) rating of 230°F (110°C) – the highest HDT rating in accordance with ASTM D1784.

Recommended applications of Corzan®

Hydrometallurgy, power generation, steel, fertilizer industry, pulp and paper, sugar, cement, desalination and ship building.

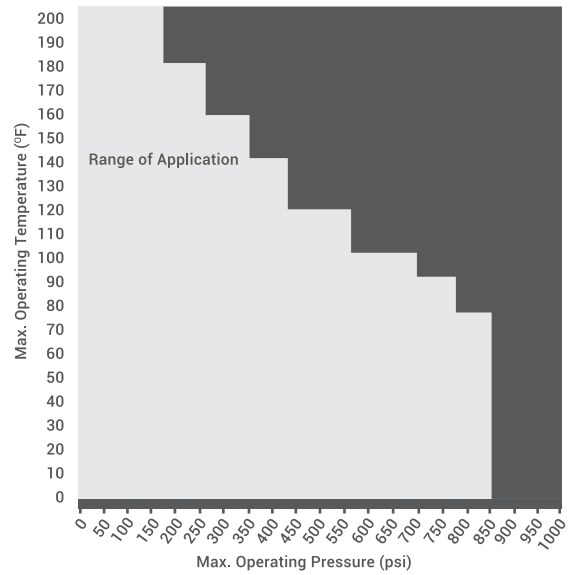
When installed following recommended processes, Corzan® delivers longevity, sustainability and dependability to all listed applications.



Temperature Derating Factors

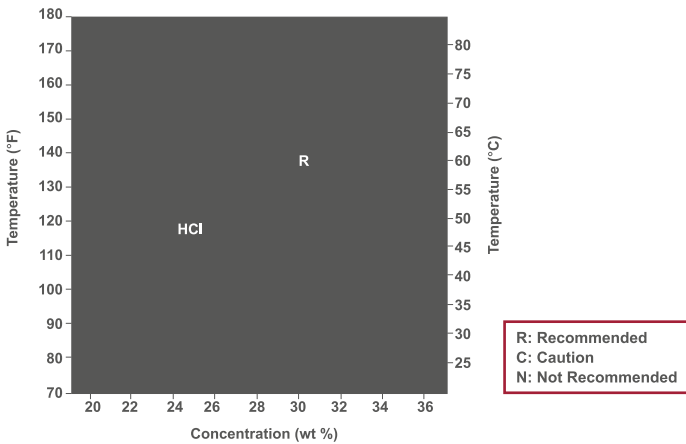
Working Temperature		Pipe Derating Factor	
°F	°C	Generic Offerings	Corzan Offering
73 - 80	23.0 - 26.7	1.00	1.00
90	32.2	0.91	0.91
100	37.8	0.82	0.83
120	48.9	0.65	0.70
140	60.0	0.50	0.57
160	71.1	0.40	0.44
180	82.2	0.25	0.41
200	93.3	0.20	*

* Consult with specific product or component manufacturers for temperature derating factors above 180°F

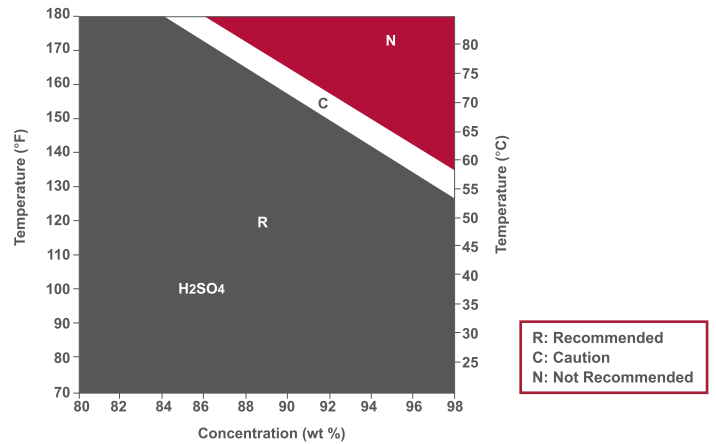


Chemical Resistance

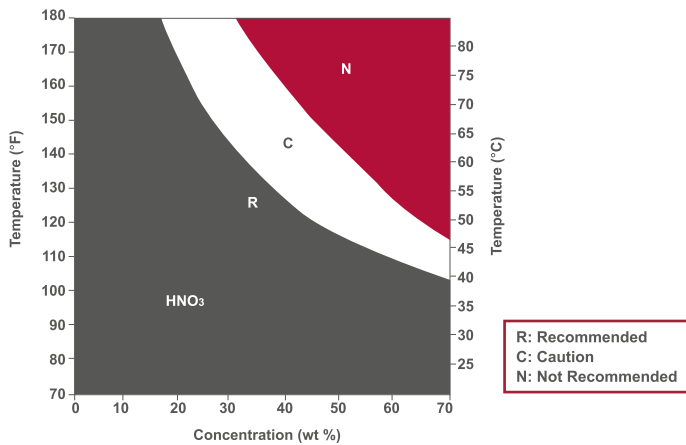
Hydrochloric acid



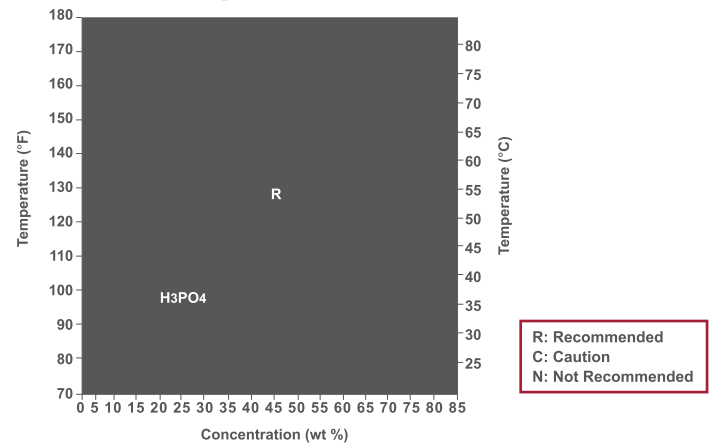
Sulfuric acid



Nitric acid



Phosphoric acid



Global Product Availability

Corzan® Industrial Systems carefully selects partners/manufacturers to offer high-performance **Pipe and Fittings, Valves, Ducting, and Tower Packings, Sheet and Lining**, relied upon by our global customer base.

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Ready to Get Started?

Contact us for a **free** process suitability and technical consultation. We want to make sure you get the localized support and information you need to take your project from blueprint to completion.



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