# 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



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 - EU

- Available in diameters from 16mm up to 500mm in SDR 9 to 21
- Available for use in both pressure bearing and high temperature drain applications up to and including 95°C
- Can withstand three times the impact strength of standard CPVC, which allows the pipe to be more easily cut
- Has a Vicat softening point above 110°C (pipes) and 103°C (fittings)

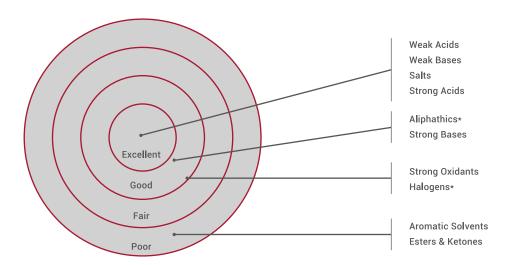
## **Recommended applications of Corzan®**

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.

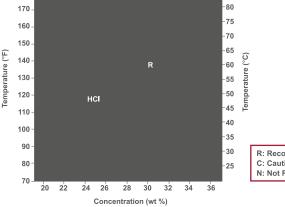


## **Chemical Resistance**



\* Consult Lubrizol for specific data

### Hydrochloric acid 180 170 160 150

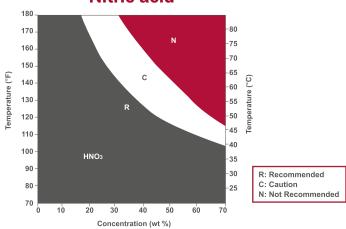




#### Sulfuric acid 80 170 -75 160 70 150 65 140 60 -55 50 120 45 110 40 H2SO4 35 90 -30 -25



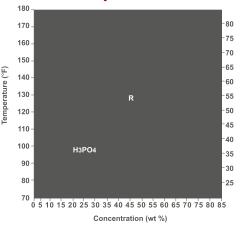
## **Nitric acid**



## **Phosphoric acid**

90 92

82



R: Recommended C: Caution

# **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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