

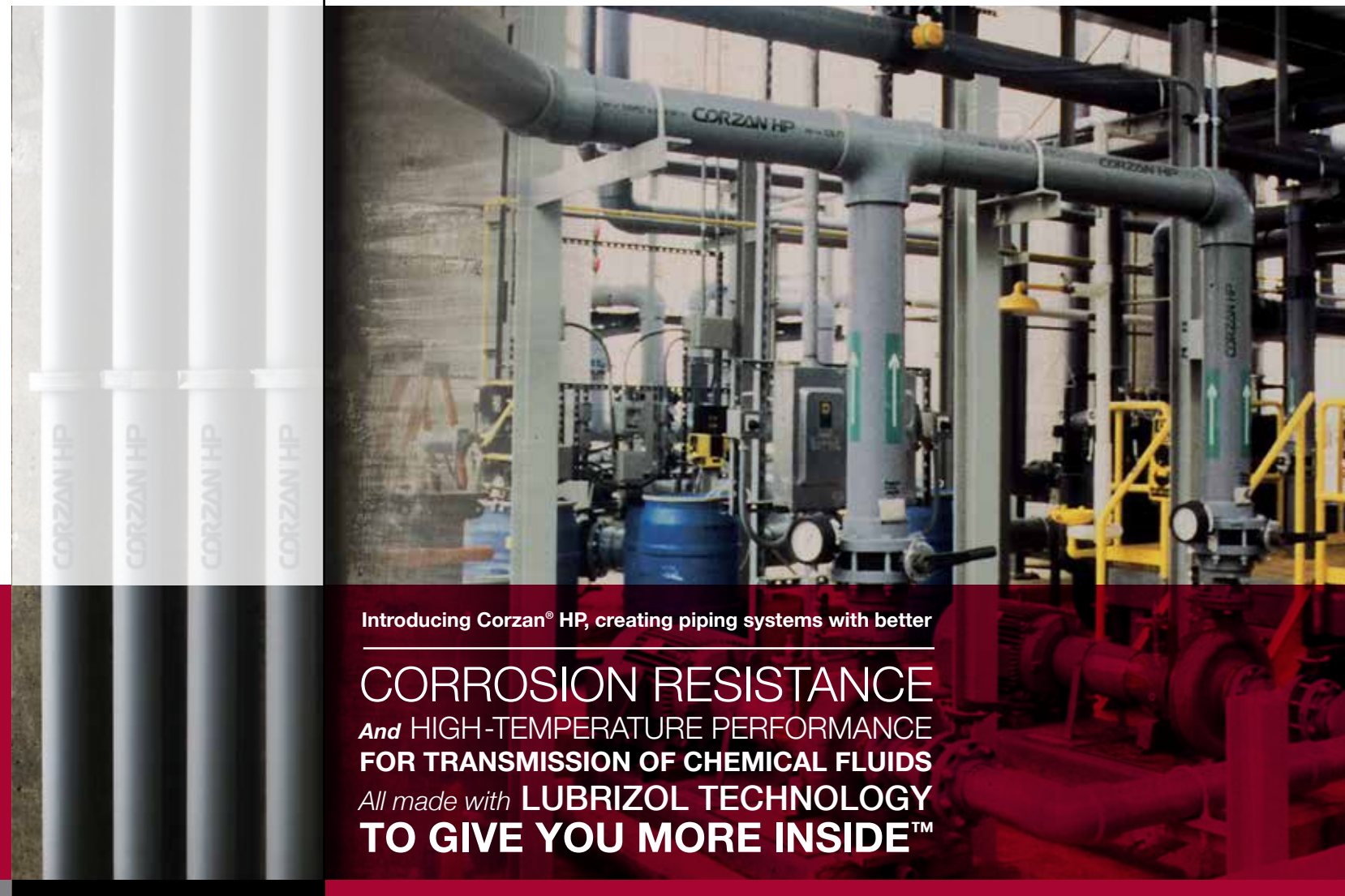


CORZAN® INDUSTRIAL SYSTEMS

A SINGLE MATERIAL FOR ALL PROCESS DESIGN NEEDS

Corzan® HP is a member of the Corzan Industrial Systems family of CPVC pipe, fittings and process components that were incepted to simplify system design, maintenance and repair with one reliable material solution. Whether 24" (610 mm) diameter piping systems, pump/filtration systems or air pollution control systems are needed, Lubrizol can provide a proven, corrosion-resistant solution for the entire process. Learn more about the comprehensive suite of Corzan Industrial Systems technologies at corzancpvc.com.

Work with the worldwide leader in CPVC technology. For a complete list of manufacturers, and to learn more about Corzan HP Industrial Systems, visit corzancpvc.com. To speak to a piping systems consultant, call 216.447.7397.



Introducing Corzan® HP, creating piping systems with better

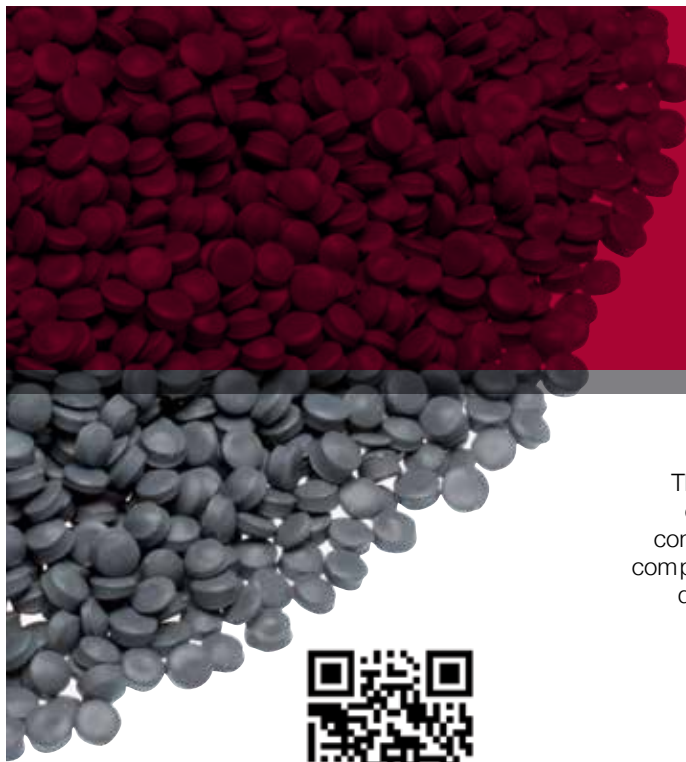
CORROSION RESISTANCE
And **HIGH-TEMPERATURE PERFORMANCE**
FOR TRANSMISSION OF CHEMICAL FLUIDS
All made with **LUBRIZOL TECHNOLOGY**
TO GIVE YOU MORE INSIDE™

As the industry's first and only Schedule 40/80 piping system made from fully pressure-rated materials, Corzan® HP provides a CPVC system that gives engineers, plumbing contractors and facility owners a solution that exceeds expectations.

APPLICATIONS

Chemical Processing | Semiconductor & Electronics | Water Treatment
 Industrial Manufacturing | Mining | Power Generation

See how Corzan HP delivers MORE INSIDE.



Call a piping systems consultant at 216.447.7397
 or visit corzancpvc.com to learn more.

Follow us on Twitter @LZ_CPVC

THE LUBRIZOL ADVANTAGE

Through product innovation, technical expertise and the many value-added services it offers customers, Lubrizol continues to advance CPVC solutions for the building and construction market. From design of the base materials, to the production of resins and compounds, Lubrizol has established world-class research and development capabilities, differentiating it from its competitors and setting a higher standard for product quality.



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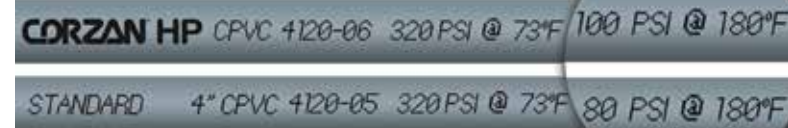
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NOT ALL CPVC IS BUILT THE SAME.

Corzan® HP piping systems are the first and only Schedule 40/80 piping systems made from fully pressure-rated materials. But, its unique benefits don't stop there. Corzan HP piping systems outperform the competition by providing:

- A solution that meets ASTM F441 material classification 4120-06, with a pressure rating 25% higher than standard CPVC at 180°F (82°C)
- Drop impact strength up to three times standard CPVC piping material
- The highest heat deflection temperature (HDT) of any CPVC piping compound
- A fitting material that has improved creep resistance and ability to withstand long-term, high-temperature hydrostatic pressure
- Quality control from an elite network of global manufacturers
- More than 50 years of proven performance and innovation in demanding industrial environments



COMPARE TO SEE HOW CORZAN HP STACKS UP.

Schedule 80 Pipe Size (in)	Maximum Water Pressure (psi)					
	@73°F		@120°F		@180°F	
	Standard CPVC*	Corzan® HP**	Standard CPVC*	Corzan® HP**	Standard CPVC*	Corzan® HP**
½"	850	850	553	595	213	264
¾"	690	690	449	483	173	214
1"	630	630	410	441	158	195
1¼"	520	520	338	364	130	161
1½"	470	470	306	329	118	146
2"	400	400	260	280	100	124
3"	370	370	241	259	93	115
4"	320	320	208	224	80	100
6"	280	280	182	196	70	87
8"	250	250	163	175	63	78

*Standard CPVC = ASTM F441-4120-05 **Corzan® HP = ASTM F441-4120-06

SPECIFY CORZAN® HP IN YOUR NEXT INDUSTRIAL APPLICATION TO REALIZE THESE BENEFITS AND MORE:

- Eliminate internal and external corrosion caused by liquids and vapors commonly found in industrial environments, including acids, bases, salts and aliphatic hydrocarbons
- Reduce installation time and promote safety with a proven "no hot work" joining system that eliminates the need for torches or complicated heat-fusion techniques
- Lower life-cycle costs over metallic systems that require continual maintenance and corrosion monitoring
- Ensure optimal flow rate with excellent hydraulic capabilities
- Lower total installation costs with stable material prices

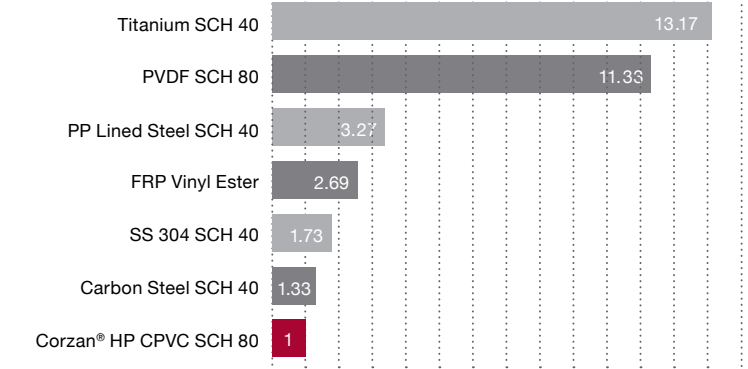


Left:
Metal pipe shown here exhibiting both internal and external corrosion.

Right:
After years of service, the Corzan HP pipe shows no sign of corrosion, scaling or degradation.

INSTALLED COST COMPARISON

INSTALLED COST: 6" (160mm) COMPLEX SYSTEM



Cost Index (Corzan® HP Piping = 1.0)

Source: Chemical Engineering, 1/93

CORZAN HP PIPING SYSTEMS are high-pressure, high-impact, high-temperature-strength systems engineered with Lubrizol's specially formulated chlorinated polyvinyl chloride (CPVC) compounds, a corrosion-resistant technology that eliminates pitting and scaling while providing superior life-cycle benefits.

CORZAN® HP
INDUSTRIAL SYSTEMS

WHEN THE PRESSURE IS ON, RELY ON CORZAN HP FITTINGS.

Built to take the pressure of industrial environments, Corzan HP fitting compounds are pressure rated in accordance with ASTM D2837 and PPI TR-3 with Hydrostatic Design Basis (HDB) of 4,000 psi at 72°F and 1,000 psi at 180°F as listed in PPI TR-4.



EXPERT SUPPORT SERVICES.

Corzan HP pipe and fittings are available globally through Lubrizol's elite list of manufacturers. Visit corzancpvc.com to find a manufacturer or to locate a Lubrizol CPVC piping systems consultant who can assist with specifications and design recommendations.

SIZE AVAILABILITY:

Corzan HP pipe and fittings are available in Schedule 80 in diameters up to 8".

