

The only pressure rated system for both pipe and fittings.

With its 50+ year successful track record, Corzan® pipe and fittings have already proven they can perform reliably under pressure. Now, Corzan has set a new standard for performance with its Corzan HP pipe and fittings. Available in sizes up to, and including, 8" diameter, Corzan HP pipe and fittings feature a pressure rating that's 25% higher than standard CPVC at 180°F (82°C). That means even greater peace of mind.

The Corzan HP system – **including pipe and fittings** – is the only Schedule 40 and 80 CPVC system available that is pressure rated.

NSF International has tested and certified Corzan HP pipe and fittings to provide third-party credibility for the system's higher pressure rating.

- Only pressure rated schedule 40/80 CPVC piping system available– both the pipe and fittings are pressure rated
- 25% higher pressure rating than standard CPVC at 180°F (82°C)
- Third party certification of the system's higher pressure rating

Corzan HP piping system pressure ratings are a function of pipe schedule, pipe size and operating temperatures. Corzan HP internal pressure ratings for schedule 80 pipe are listed in the table.

Corzan HP Pipe & Fittings Pressure Rating (psi)

Maximum Water Pressure (psi)		@ 70°F		@ 120°F		@ 180°F	
		Standard CPVC	Corzan® HP	Standard CPVC	Corzan® HP	Standard CPVC	Corzan® HP
Schedule 80 Pipe Size (in)	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	

The long term performance of Corzan HP pipe under continuous pressure is tested in accordance with ASTM D1598, Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure. Test data is evaluated in accordance with ASTM D2837, Standard Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials. The final pressure rating of the pipe is determined incorporating a safety factor of 2. The safety factor of 2 means that a piece of 4" Corzan CPVC HP pipe stenciled with a pressure rating of 320 psi at 73°F actually yielded an empirically derived pressure rating of 640 psi at 73°F.

For more information on how well a Corzan HP piping system can perform on your next project, or to schedule a Lessons over LunchSM training session at your offices, please call **888-234-2436 x4477393** or visit online at **www.corzanhpit.com**.

Corzan HP pipe systems:

- provide pipe and fittings that are both pressure rated
- maintains its pressure-bearing capabilities for 50 years and beyond
- incorporates a safety factor of 2 in the final pressure rating
- All of the above

d. All of the above

ANSWER