



GORE™ High-Resilience

TUBING – STYLE 100CR

For Peristaltic Pumps

THE MOST DURABLE AND DEPENDABLE TUBING

GORE™ High-Resilience Tubing – Style 100CR is a unique composite of fluoroelastomer and expanded PTFE that helps your manufacturing processes run more cost-effectively. Flexible and highly durable, it stands up to aggressive media in challenging chemical processes.

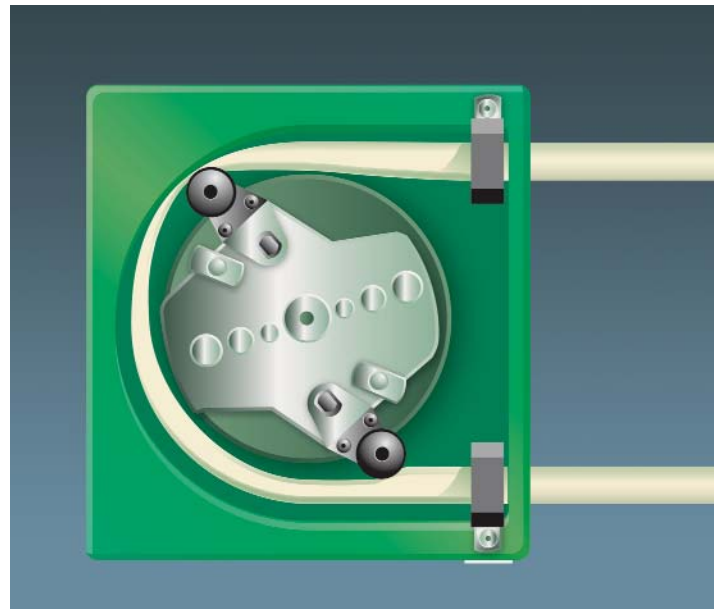
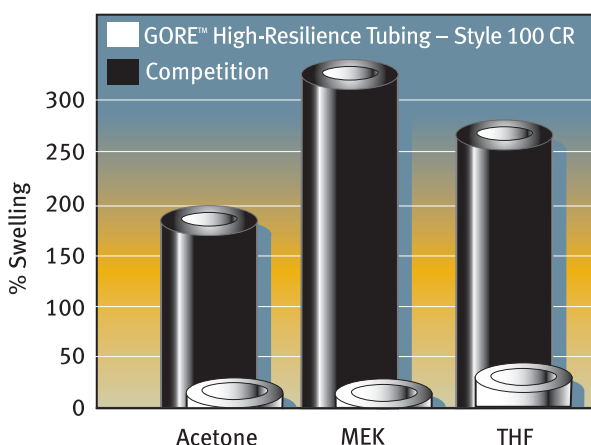
GORE™ High-Resilience Tubing – Style 100CR lasts for thousands of hours pumping aggressive chemicals that often attack other tubing materials. This level of durability greatly reduces the risk of unexpected tube rupture. It also maintains stable flow rates over time, handles high pressures, and virtually eliminates spallation. Using Style 100CR tubing means fewer changeouts and higher-purity fluid handling, so you can transfer media with more security and confidence than ever before.

GORE™ High-Resilience Tubing – Style 100CR meets the needs of OEMs designing innovative, high-performance equipment. It can also be used to retrofit existing systems. Either way, you can trust your peristaltic pumps, pinch valves, and other CPI applications to run cleaner, longer, and more reliably.

STANDS UP TO AGGRESSIVE CHEMICALS

GORE™ High-Resilience Tubing – Style 100CR allows users to fully realize the benefits of peristaltic pumps and pinch valves for solvent-based processing. Style 100CR tubing experiences less than 10% volume swell in chemical service, whereas other fluoroelastomer tubing can swell more than 300% when subjected to solvents.

ASTM D471-95 immersion tests demonstrate that GORE™ High-Resilience Tubing – Style 100CR experiences **negligible swelling** in a wide range of solvents, including organic solvents such as acetone, methyl ethyl ketone and tetrahydrofuran.



KEY FEATURES

- Provides greater security in challenging chemical processes
- Enables continuous high-pressure pumping
- Less swell in chemical service
- Maintains stable flow rate
- Virtually eliminates spallation
- USP Class VI approved

KEY BENEFITS

- Easy installation
- Superior longevity
- Reduced maintenance, with less downtime from tube rotation or replacement
- Increased process consistency & purity

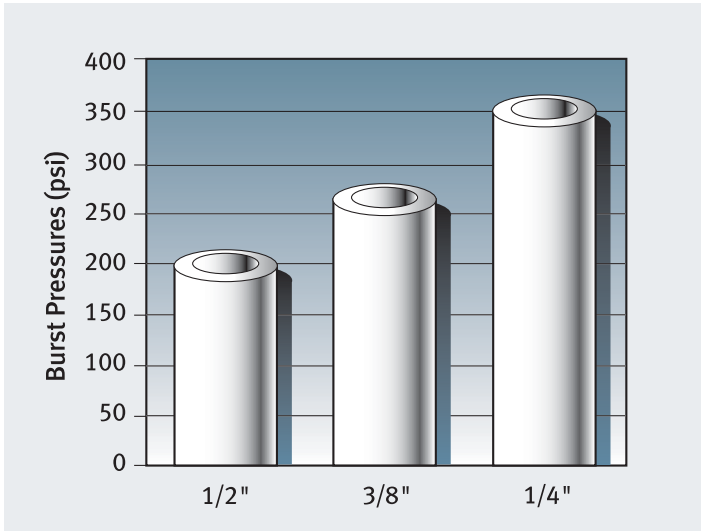


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BURST RESISTANCE BROADENS USE

The unique composite structure of GORE™ High-Resilience Tubing – Style 100CR provides superior burst resistance compared to conventional non-reinforced extruded tubing. That means far less worry about the environmental hazards and safety risk of unexpected tube ruptures in high-pressure filtration, transfer, and chemical addition operations.



Burst pressures of GORE™ High-Resilience Tubing – Style 100CR of various bores.

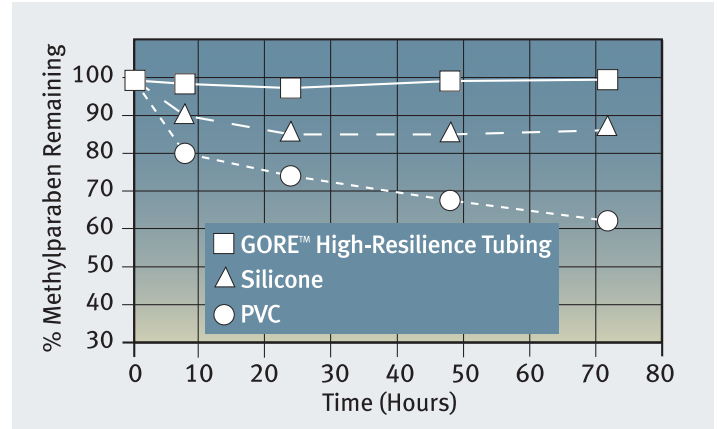
OTHER APPLICATIONS

Consider GORE™ High-Resilience Tubing – Style 100CR for other process applications, such as pinch valves.



LOW SORPTION FOR PROCESS INTEGRITY

Sorption studies with methylparaben, propylparaben and benzyl alcohol show that GORE™ High-Resilience Tubing – Style 100CR does not sorb these preservatives. Sorption is a significant consideration in the manufacture, delivery and packaging of products.



PRODUCT CONFIGURATION

- Tubing ID ranges from 1.6 mm to 40 mm.
- Wall thickness ranges from 0.8 mm to 13 mm.
- Passes USP Class VI, cytotoxicity & physicochemical testing.
- FDA Type II Material Master File is available for citation.

FURTHER INFORMATION/ORDERING

Detailed selection criteria, technical assistance, and installation guidelines are available from your local authorized Gore distributor. Or, contact the application engineers at W. L. Gore & Associates, Inc. at **800-654-4229**, or www.gore.com/sealants.

Supplied By:

W. L. GORE & ASSOCIATES, INC.

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