

FACT SHEET

SIZE AVAILABILITY:

FlowGuard Gold pipe is available in 1/2"–2" Copper Tube Size (CTS) SDR 11 sizes.

For larger projects, Corzan pipe is available in Iron Pipe Size (IPS) up to 24" diameter.



MORE INSIDE™ :: FROM RISER TO FIXTURE, LUBRIZOL PROVIDES COMPLETE PLUMBING SOLUTIONS FOR ANY SIZED PROJECT.

Reliability, performance and product versatility are top priorities when it comes to plumbing systems, so look to the trusted leader for the best solutions. The Lubrizol Corporation simplifies plumbing system design, even in complex applications, by offering three complementary products designed to provide a total solution in residential and commercial applications — FlowGuard Gold® Pipe & Fittings, FlowGuard® Bendable Multilayer Piping and Corzan® Piping Systems.

UNIVERSAL BENEFITS OF LUBRIZOL'S CPVC TECHNOLOGY

All three products are engineered with Lubrizol's specially formulated chlorinated polyvinyl chloride (CPVC), a corrosion-resistant technology that eliminates pitting and scaling—even when exposed to alkaline soil conditions or water with high chloride levels.

Backed by more than 50 years of proven performance, FlowGuard Gold, FlowGuard Bendable and Corzan pipes and fittings provide engineers, plumbers, contractors and owners peace of mind with:

- Simplified and cost-effective installation using readily available tools
- Quieter operation
- Energy efficiency and reduced condensation
- Professional appearance
- Compliance with all major plumbing codes
- Excellent material safety

SIMPLICITY AND COMPATIBILITY

Lubrizol offers a comprehensive suite of CPVC pipes and fittings in various sizes so that contractors can specify just one trusted material for the entire job. And, to further boost user confidence and eliminate guesswork, Lubrizol's CPVC technologies are tested for compatibility with chemicals commonly found in ancillary products, such as thread sealants, leak detectors and fire stops. Lubrizol's FBC™ System Compatible Program is the only known program of its kind in the industry.



FLOWGUARD GOLD AND CORZAN PLUMBING SYSTEMS

FEATURES AND BENEFITS

- The most widely used CPVC plumbing system in the U.S.
- Ideally suited for demanding residential and commercial projects
- Immune to pitting, scaling and corrosion
- FlowGuard Gold pipe is available in CTS SDR 11, 1/2" to 2" diameters
- Corzan pipe is available in IPS Schedule 80, 1/2" to 24" diameters

APPLICATIONS

- Apartments
- Assisted-living facilities
- College dorms
- High-rise hotels
- Hospitals and healthcare facilities
- Retail stores
- Restaurants
- Schools
- Single-family homes
- Universities

FLOWGUARD BENDABLE MULTILAYER PIPING

FEATURES AND BENEFITS

- Constructed from layers of uniquely bonded CPVC and aluminum—stays straight or bends as needed
- Provides coefficient of linear thermal expansion similar to metal
- Features increased support spacing and mechanical strength compared to solid-wall CPVC
- Versatile enough to connect with an array of common CTS fittings, including FlowGuard Gold fittings
- Available in 1/2", 3/4" and 1" CTS in coils and straight lengths

APPLICATIONS

- Water service laterals
- Building supply
- Underslab
- Rough plumbing service
- Concrete-encased piping
- Partition piping
- Rigid applications (shower risers)
- Seamless joint-free runs

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 the design of the base materials, to the production of the 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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PL-US-FGGFACTS
GC 120665
Rev Sept 2012