

Flextrol - Your Single Source For:

- Flexible Metal Hoses
- Fluoropolymer Hoses (FEP, PTFE, and PFA)
- Jacketed Valves
- Jacketed Pipe, Fittings and other process equipment
- Rubber, Metal and PTFE Expansion Joints



Flextrol

Flextrol - Your Best Solution to Downtime

Although founded in 1982, the history of Flextrol extends as far back as the early 1960's. Bill Patterson, Sr. was often confronted with problems and customer requests that, up until that time, had remained unanswered. With his ingenuity and flair for innovation, Mr. Patterson first produced a fabricated valve jacket in 1964. From that point on, Charlotte, NC was destined to become the "jacketing capital of the world". It is this heritage of innovation and responsiveness to the needs of our customers that continues to be the guiding force at Flextrol.

Over the years, by examining the components our customers were replacing, we found that many process and support system failures were the result of poor fabrication, faulty welding, or using the wrong component for the application. When you work with Flextrol, these problems belong to others, *not you*.

Expert fabrication, in combination with multi-stage inspection and testing, equals reliable performance. Our certified welders have decades of experience and we subject every part we ship to a five-part quality assurance and testing program. Every part, every time. And Flextrol is there when you need us. Our engineering and fabrication staff is on-call 24/7 because we know that customer downtime often occurs at the least convenient time. Our dedication to product quality and customer service is unequalled.

You can get the correct component, fabricated to your specifications, at a competitive price with in-stock lead times. So don't try to match a stock item to a custom application. It doesn't make sense, it doesn't save you money, and it increases your risk of downtime. Flextrol will react quickly to keep you up and running, whatever it takes. We understand how time is working against you. *Use us to your advantage.*

With Flextrol precision is guaranteed.



Flextrol jacketed valves and components ensure the reliability of your process system. Uniform temperature transfer is a standard with both our weld-on and bolt-on systems.

Flextrol offers a complete line of jacketed products. Our weld-on jackets provide full valve coverage with oversized flanges and full or partial coverage with standard flanges.

All parts go through our five-step quality control and testing before shipment.

Flextrol means "problem solved". And we solve problems when you need us - we are on-call 24/7. Unequaled quality, reliability and customer service. Built to your specifications.



We offer one of the most precise and comprehensive quality control programs in the industry.



This Flextrol fitting illustrates our high quality fabrication and welding. The light rainbow effect is the result of correct, even heating during welding. Overheating can weaken the metal, leading to failure of a fitting, joint, or hose.

Prices with In-Stock Lead Times

Flextrol should be the first step in your preventive maintenance program.

Performance: If you buy a stock item and “make it fit” or use a part designed for another purpose, then you automatically open the door to downtime. Close that door by using Flextrol products. We match the part to your application and need.

Quality: We use a five-step quality assurance and testing program that is unequalled. Every component that our customer receives is tested before it is shipped. And every person involved with the order must give their signed approval, not only for their work, but for all work done before them.

Competitive Pricing: A great price for an inadequate component could lead to disaster. Flextrol provides custom-made components for what you would expect to pay for an “off-the-shelf” part.

Custom Fabrication with In-Stock Lead Times: Before you call someone to pull a part off the shelf, that may or may not be designed for your application, call us. We can help you design the components to fit your application.

Unequaled Customer Service: Just in case you have an emergency, we have an expert team on-call 24/7. If it's 4:15 on Saturday morning and one fourth of your plant is down because of a flexible metal hose failure, call us. We understand the pressure and exorbitant cost associated with a production stoppage.

We can help you build more reliability into your operation and help you keep downtime, planned or unplanned, to a minimum. Put our expertise to work for you, and put our quality into your operation. Call us today.



Fluoropolymer hoses

Matched to your application and need. Quality assured and tested.



Flexible metal hoses

Precision, quality and reliability—remedies for downtime and spills.



Flextrol Corporation
Phone: 704-888-1120
Toll Free: 800-424-0212
Fax: 704-888-1123
Email: info@flextrol.com

192 Browns Hill Road • Locust, NC 28097

www.flextrol.com

A Full Range of Components for Your Operation



In addition to our fabricated products, Flextrol offers an extensive line of other piping and material handling components. From flexible ducting to specialty hoses and expansion joints, we offer a variety of options to match your application. We can help your engineering and technical staff solve problems, install improvements, and design a system to meet your needs reliably.

Capabilities Overview

Jacketed Products

- Full coverage with oversized flanges
- Full coverage with standard flanges
- Partial coverage with standard flanges
- Bolt-on Jackets
- Carbon steel, T-304, T-316 and other alloys available
- Custom fabricated by welders certified to ASME Section IX Boiler and Pressure Vessel Code
- Jacketed Piping Systems
- Jacketed Flexible Metal Hose

Flexible Metal Hose

- 1/4" I.D. - 30" I.D.
- T-321, T-316, bronze, monel and other alloys available
- Pressure ratings to 5700 PSI
- Custom lengths with a variety of end fittings
- High quality fabrication and certified welding ensures maximum pressure rating and cycle life
- All assemblies nitrogen tested. Hydrostatic testing available

Fluoropolymer Hoses

- FEP, PTFE and PFA
- 1/8" I.D. - 6" I.D.
- Smooth bore and corrugated
- T-304, T-316, polypropylene and rubber covers
- White or conductive black cores

- Chlorine/Bromine transfer hoses
- Unsurpassed chemical resistance
- Pressure ratings from full vacuum to 5000 PSI
- Diverse selection of fittings available
- Custom assemblies

Expansion Joints

- Metal, rubber and PTFE
- Wide variety of shapes and sizes to meet your application

Flexible Ducting

- 1" I.D. - 36" I.D.
- Wire reinforced
- Available in a variety of materials

Interlocked Hose

- 5/32" I.D. - 16" I.D.
- Stainless steel, galvanized, aluminum and bronze
- Used as protective covering or for material handling

Silicone Hose and Tubing

- High purity platinum cured
- 1/16" I.D. - 6" I.D.

With all of our components, we supply:

- Performance
- Quality
- Competitive pricing
- Custom fabrication with in-stock lead times
- Industry expertise
- Unequaled customer service



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