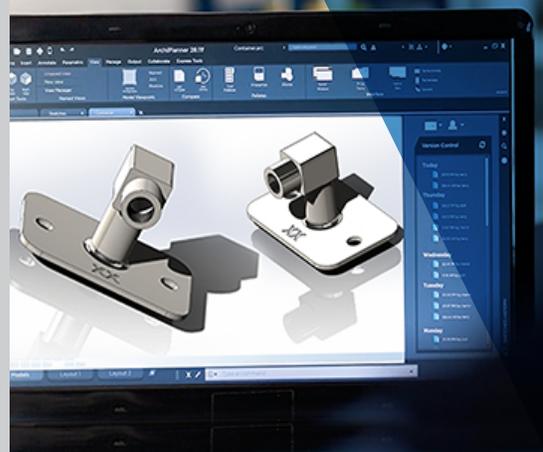


Dormont OEM

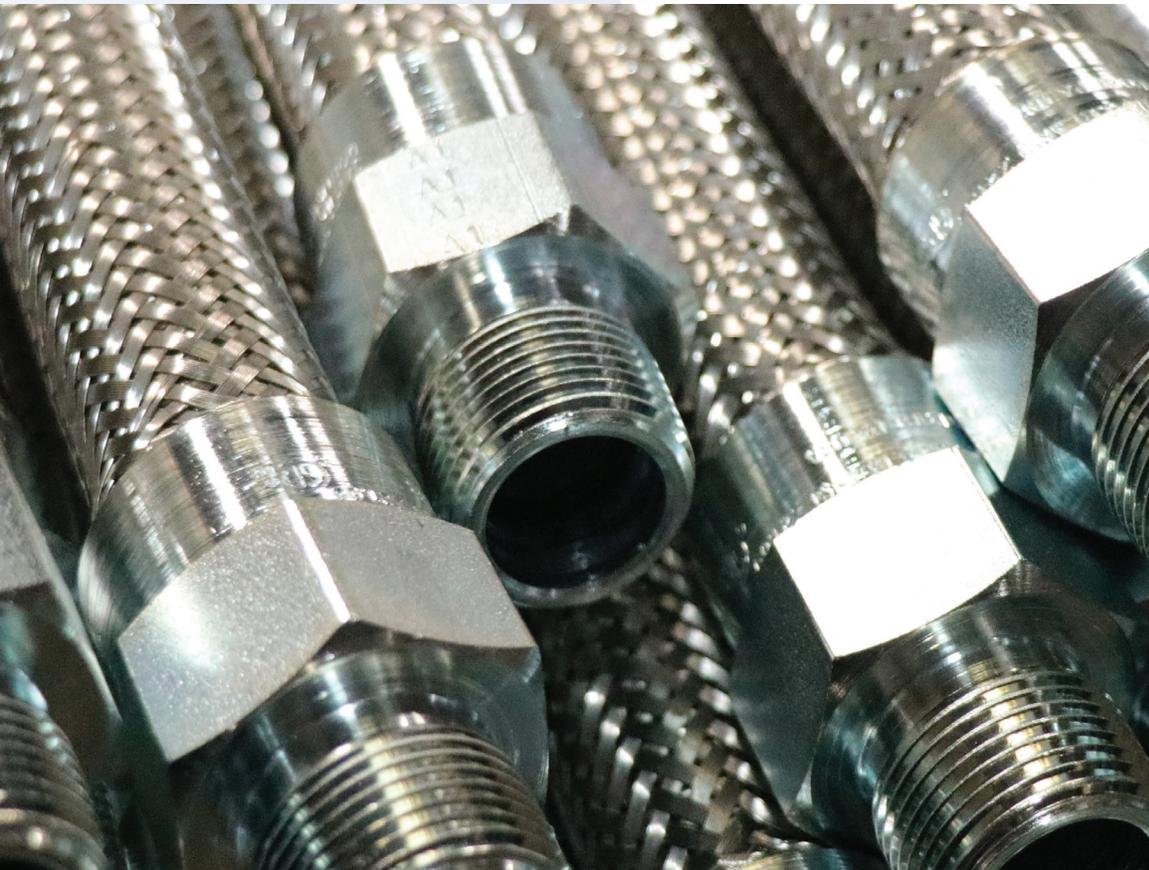
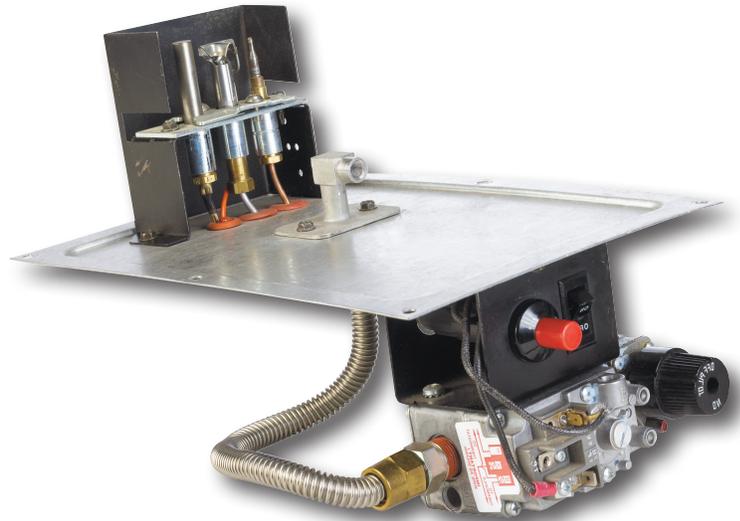
Behind Every Challenge Lies a Solution



From Concept to Completion Dormont Has You Covered

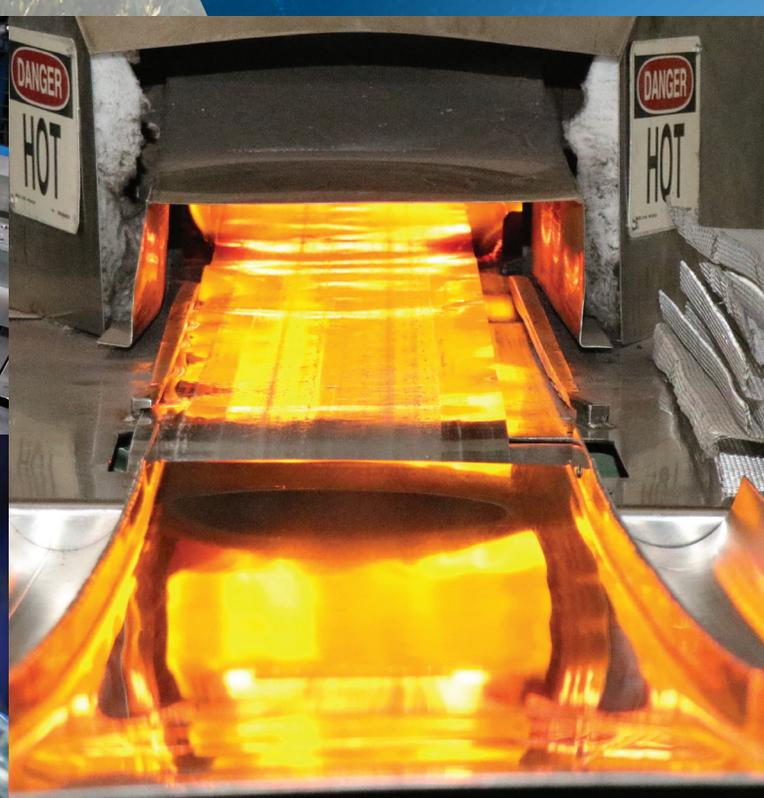
Dormont's Design Solutions Team:

- Develops flexible and innovative solutions
- Offers to be involved in the initial development of new appliances
- Provides custom solutions
- Has prototyping capabilities



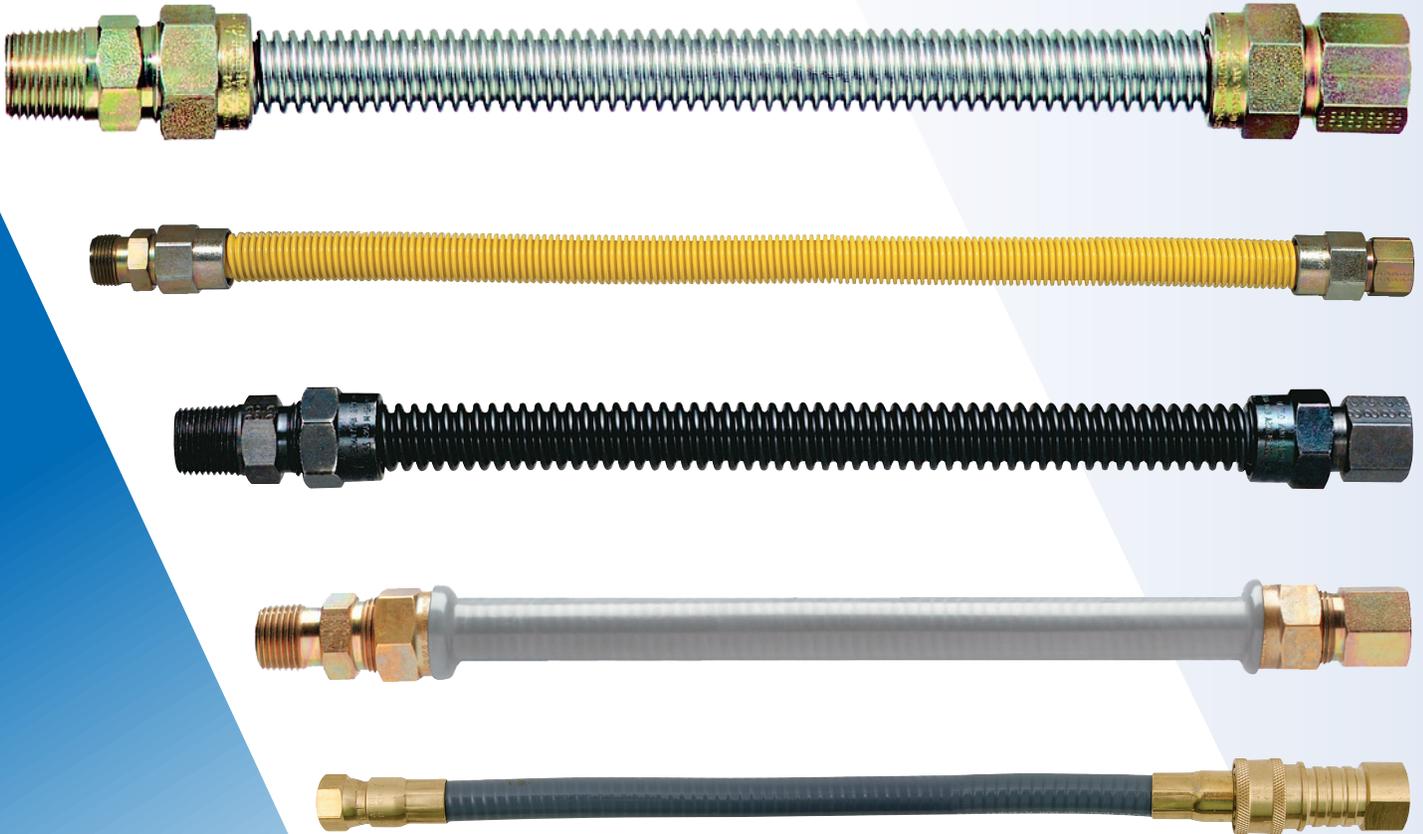


- More than 70 years of experience manufacturing high-quality stainless steel gas connectors
- State-of-the-art production facility in Export, PA
- More than 180 million safe installations worldwide
- First to introduce the stainless steel gas connector for the domestic residential marketplace
- Leading provider of flexible stainless steel connectors for commercial foodservice, residential, and OEM markets
- Inventor of The Blue Hose® for the foodservice industry
- Widest range of gas connectors, installation kits, and accessories for indoor and outdoor gas appliance needs
- Proven track record for safety, reliability, innovation, and performance



Dormont – The Gas Safety Leader

Gas connectors for every need: range, furnace, dryer, water heater, space heater, gas log, wall heater, high btu, portable outdoor, manufactured home, movable foodservice, and more.



Typical Applications

Appliances



Gas appliances are essential in preserving the quality of life all of us have come to enjoy. With over 180 million safe installations worldwide, Dormont continues to be the leader in providing safe, reliable, and innovative products wherever gas appliances are used.

The concept of a complete gas equipment connection system for commercial kitchens is yet another innovation introduced by Dormont.



Scan for the
Dormont Wholesale
Catalog



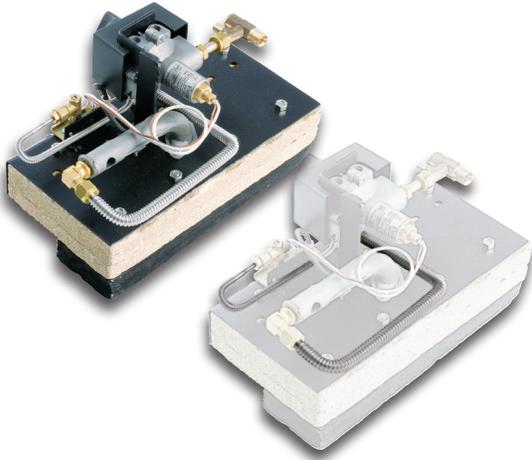
Scan for the
Dormont Foodservice
Catalog



Commercial Kitchens



FlexTube®



Flexibility

FlexTube® is corrugated stainless steel tubing that provides flexibility to gas and fluid conveyance systems in appliances, industrial equipment, laboratory equipment and more. Tubing can be customized with special end-fittings, valves, brackets, and even sub-assemblies. FlexTube can benefit manufacturers by:

- Simplifying Product Design
- Shortening Prototype Lead-times
- Reducing Assembly Steps
- Increasing Productivity

FlexTube Applications

Hearth Products

FlexTube offers the perfect solution for Hearth products. FlexTube is designed to be bent by hand during installation on the assembly line, eliminating the need for bending fixtures. A custom orifice holder can be permanently attached to the FlexTube, eliminating fittings and brackets, as well as potential leak points.

Cooking Equipment

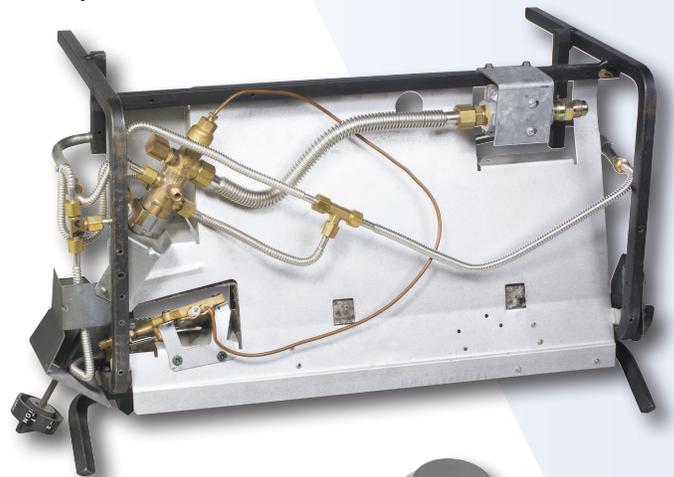
FlexTube with bulkhead fittings and brackets can be used to deliver gas thru the appliance housing to the manifold. T4 or T6 FlexTube with attached nuts and ferrules connect the valves to the burners. T3, our smallest FlexTube, can be purchased with integral pilot tips that are snapped in place at the burner location.

Barbeque Grills

FlexTube with integral screw clips and a quick connect fitting provides the solution to high temperature and field assembly requirements for the side burners of gas grills. Stainless steel is the ideal material for the high temperature environment, far better than rubber hose alternatives and the quick connect allows easy, problem-free connection for end-users.

Your Application

Call our Design Solutions Team today. Our team of engineers will work with your equipment designers to develop the optimum solution for your application. If what you need doesn't exist, we will create it for you. The sky is the limit.



Compression Series

A direct replacement for rigid tubing, Dormont's patented compression FlexTube connects using standard SAE J512 compression fittings. Flexibility allows for hand bending and easy installations even when components are misaligned.

Benefits over rigid bent tubing

- Flexes for easy hand alignment
- Eliminates bending fixtures and tooling
- Fast samples for new product designs
- Compact stock storage



Specifications

Tube Material Annealed Austenitic Stainless Steel
 Fittings Designed for use with SAE J512 compression fittings
 Neck Length 1" standard for compression fittings, available in 1/4" increments from 1/2" to 1-1/2"
 Overall length 6" to 72" +/- 1/2"
 Temperature -40°F to 500°F
 Working Pressure 0 to 15 PSIG
 Media Natural Gas, Propane, Water, Steam, Oil. Contact Dormont for other media.

Compression Series Part Numbering

Part Number	Description	Product
TX-XX	Compression Tube without Fittings	

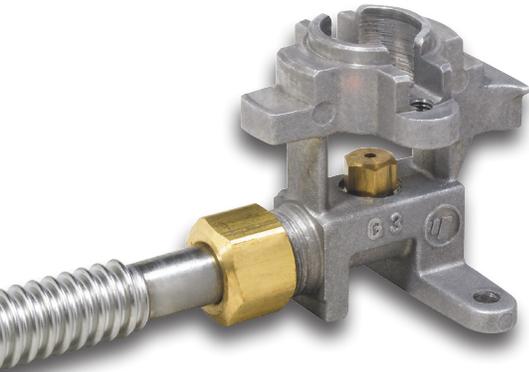
X indicates tube series, XX indicates tube length

Tube Dimensions

Tube Series*	Tube Size (In)	Corrugated OD (In)	Min Bend Radius (In)
T3	3/16	0.24	0.50
T4	1/4	0.32	0.75
T5	5/16	0.40	0.75
T6	3/8	0.48	0.75
T7	7/16	0.60	0.75
T8	1/2	0.66	0.75

*Metric series also available – Contact Dormont for more information.

NF Series



To enhance speed and ease of assembly, the nut and ferrule compression fitting is attached to the compression tube before shipment. The NF series of compression FlexTube arrives at the assembly line with the tubing ready to be attached to the valve or fitting. No fumbling with small ferrules, just hand thread the nut and tighten.



NF Series Part Numbering

Part Number	Description	Product Image
TX-NF01-XX	Female x Female - Nut/ferrule attached	
TX-NF02-XX	Male x Female - Nut/ferrule attached	
TX-NF03-XX	Female x Blank - Nut/ferrule attached one end	
TX-NF04-XX	Male x Blank - Nut/ferrule attached one end	
TX-NF05-XX	Male x Male - Nut/ferrule attached	

X indicates tube series, XX indicates tube length

Thread Designation

Tube Series	Male Compression	Female Compression	Tube Size (In)	Number of Turns from Hand Tight
T3	3/8 - 24	3/8 - 24	3/16	1-1/2
T4	7/16 - 24	7/16 - 24	1/4	1-1/2
T5	1/2 - 20	1/2 - 24	5/16	1-1/2
T6	9/16 - 24	9/16 - 24	3/8	1-1/2
T7	5/8 - 18	5/8 - 24	7/16	2
T8	11/16 - 16	11/16 - 20	1/2	2

Flared Series



Flared FlexTube offers the same advantages of compression tubing but includes the convenience of common flare fittings and flare nut connection methods.

Specifications

Tube Material Annealed Austenitic Stainless Steel
 Fittings Plated Steel or Brass (RoHS Compliant)
 Overall length 6" to 72" +/- 1/2" (flare nuts fully extended)
 Temperature -40°F to 500°F
 Working Pressure 0 to 15 PSIG
 Media Natural Gas, Propane, Water, Steam, Oil.
 Contact Dormont for other media.

Tube Dimensions

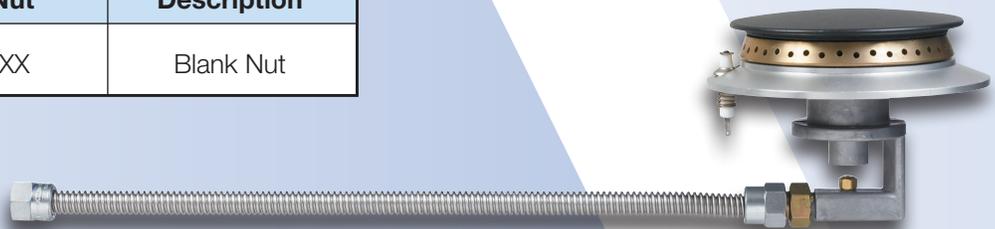
Tube Series	Tube Size (In)	Corrugated OD (In)	Min Bend Radius (In)	Flare Nut Designation
F4	1/4 OD	0.32	0.75	7/16 – 20
10	3/8 OD	0.48	0.75	5/8 – 18
20	1/2 OD	0.66	0.75	3/4 – 16
30	5/8 OD	0.75	1.00	15/16 – 16*
30P	5/8 OD	0.75	1.00	7/8 – 14
40	3/4 ID	1.00	1.00	1-1/8 – 16*
50	1 ID	1.28	1.25	1-3/8 – 16*
60	1-1/4 ID	1.58	1.25	1-3/4 – 16*

* Not a standard SAE J512 thread

Flared Series Part Numbering

Tube Series	Nut x Nut	Description
F4, 10, 20, 30, 40, 50, 60	-9898-XX	Blank Nut

XX indicates tube length



Attached End Fittings

In order to simplify assembly operations, Dormont has developed a method to permanently attach customized end-fittings to FlexTube. These special end fittings combine a number of parts and assembly operations directly into the tubing.

Benefits

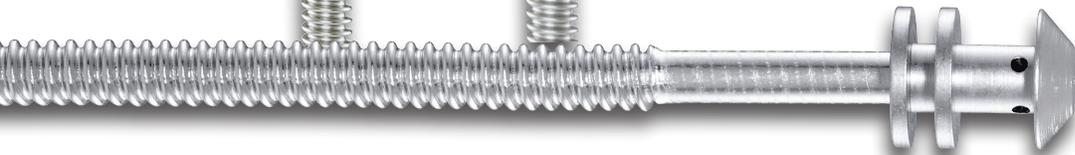
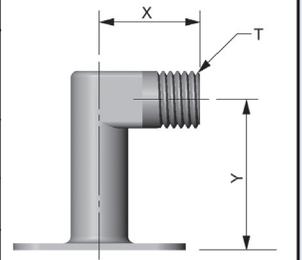
- Reduces SKU's needed in inventory
- Saves time on the assembly line
- Simplifies design of assemblies
- Eliminates a leak joint

Orifice Holders

These units are used primarily in the hearth industry but can be adapted to a number of applications. This one piece, hose-and-fitting design eliminates a bulkhead fitting, jam nut, compression joint, and bracket.



Orifice Holder Dimensions	
Plate	1.375" x 2"
Mounting Holes	0.205"
Depth	X - Specify
Height	Y - Specify
Thread	T - Specify



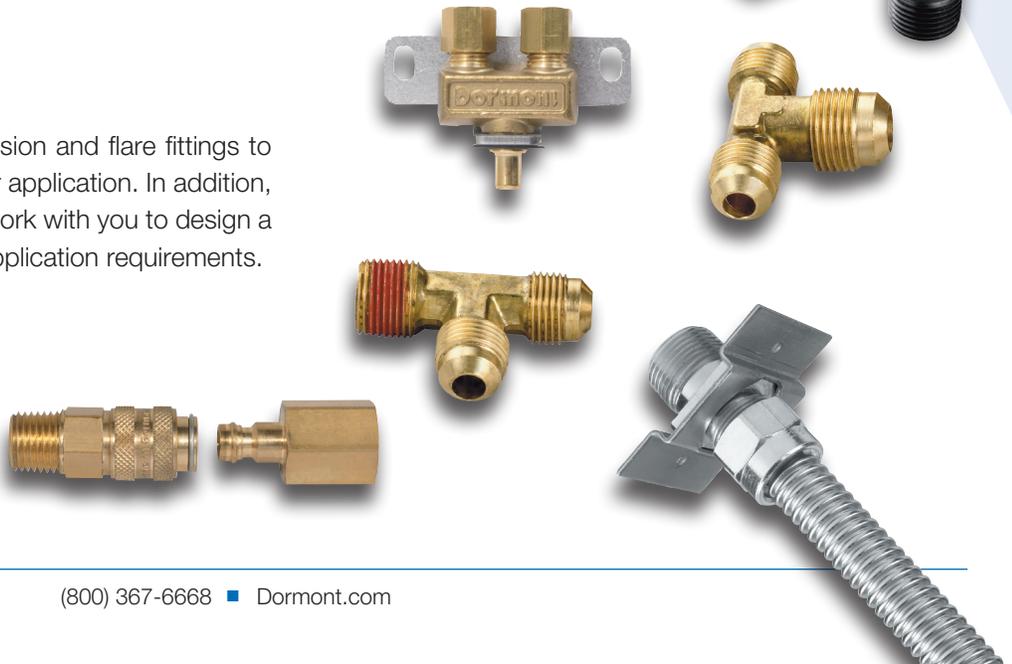
Pilot Tips

FlexTube, with an integral pilot tip, eliminates an operation from the manufacturer's assembly process. One end is connected to the manifold via a compression fitting, and the other end is snapped into place next to the burner assembly.



Fittings

Dormont offers a wide array of compression and flare fittings to connect FlexTube to the gas train of your application. In addition, Dormont's Design Solutions Team can work with you to design a custom fitting that meets your specific application requirements.



Brazed Components

	Brazecomp	Description	Tube Series	Tube Size	Dimensions
	BRAZECOMP-001	90 Degree Elbow and Bracket Orifice Holder with Hub Female	10	3/8 OD	Female 5/16 – 32 UNEF
	BRAZECOMP-002	Straight Hub and Bracket Orifice Holder	10	3/8 OD	Female 5/16 – 32 UNEF
	BRAZECOMP-004	T3 Female Dome Pilot	T3	3/16 OD	Pilot Hole Diameter .0635
	BRAZECOMP-005	90 Degree Elbow and Bracket Orifice Holder Male	10	3/8 OD	Male 1/8 – 27 NPT
	BRAZECOMP-006	1/8 – 27 NPT X 3/8 Male Braze Straight Manifold	10	3/8 OD	Male 1/8 – 27 NPT
	BRAZECOMP-010	Bracket with Orifice Holder with Hub X 1/8"-27 NPT	10	3/8 OD	Female 1/8 NPT
	BRAZECOMP-011	1/8 – 27 NPT X 3/8 Male Braze Straight Manifold 7/8 Hex- Bulk Head Fitting	10	3/8 OD	Female 1/8 – 27 Male 3/4 – 16
	BRAZECOMP-012	1/8 – 27 NPT X 1/4" Female Braze Straight Manifold	T4	1/4 OD	Male 1/8 – 27 NPT- 7/16 Hex
	BRAZECOMP-017	90 Degree Elbow and Bracket Orifice Holder with 3/8 – 27 Hub	10	3/8 OD	Male 3/8 – 27
	BRAZECOMP-023	90 Degree Elbow and Bracket Orifice Holder with Hub- Rounded Flange	10	3/8 OD	Female 5/16 – 32 UNEF
	BRAZECOMP-031	1/2" – 14 Male NPT X 5/8 OD Male Braze Component	30	5/8 OD	Male 1/2 – 14 NPT
	BRAZECOMP-050	11/32 – 32 UNS Straight Hub and Bracket Orifice Holder	10	3/8 OD	Female 11/32 – 32 UNS

Give us a Challenge

**Don't see exactly what you're looking for?
No problem.**

Just because it doesn't currently exist doesn't mean we can't make it. Our design solutions team is ready and able to help you bring your idea to life. Whether its sourcing an existing product or designing a new one, we are here to facilitate your needs. Getting started is easy.

1. Contact Us
2. We'll search for the product you need
3. If we find it, we'll get it to you. If not, we'll design it for you.

More Than Just Gas

Our product offering extends beyond the gas industry. Some other applications we support include, but aren't limited to:

Oil | Protective Covering | Water & Steam | Conduit



Get in contact with us today and put us to the test.

Connect with Dormont | Connect with Confidence®



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