

Ordering Information

When inquiring at La Favorite for the proper type of rubber connector for your particular application, it is necessary to compile the following data and submit it with your inquiry.

1. The type of industry, including the type of installation
2. The size of the joint including its length, diameter. Flange diameter, face to face dimensions, and other special dimensions.
3. The maximum temperature and whether constant or intermittent.
4. Operating pressure or vacuum.
5. Substance to be handled (if gas, wet or dry)
6. External environment.
7. Amount of movement in axial, lateral and angular directions.
8. Special requirements.
9. Any dimensions or information of connector currently in service.



THE LA FAVORITE EXPERIENCE

In today's highly competitive and ever changing power generation market La Favorite prides itself on being able to offer our customers a dynamic service of direct industrial rubber product manufacture and supply and comprehensive field inspection and service expertise. These, combined with part and service warranties as well as ongoing technical support has allowed La Favorite to support their customers from outage pre planning through full operations.



Flexible Connectors & Bellows

Fan Connectors, Bus Duct Bellows

La Favorite, in its 30+ years, has produced flexible elastomeric connectors for a wide array of industries. From connectors for concrete slurry hoppers to thin walled yet vacuum resistant flangeless connectors for the paper and pulp industry to fan connectors for U.S. Navy and commercial marine vessels our wide array of experience, resources and attention to detail combine to offer our customers a top quality product.

As with our heavy duty spool type expansion joints, we can quickly and efficiently construct any manner of flexible elastomeric connector necessary based on your operating conditions.



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FLEXIBLE BUS DUCT BELLOWS

La Favorite Ind. and its predecessors have produced the highest quality bus duct bellows and connectors for over 50 years. Our bus duct bellows are a highly flexible rubber and fabric connector used on large transformer blower ducts to reduce and isolate vibration and to protect expensive electrical equipment from thermal movements. The multi-convolution construction allows for more than 1" of movement in any direction. These parts are carefully hand-built by our skilled craftsmen and employ the finest materials available for fighting the elements and destructive ozone conditions. La Favorite Industries' flexible products can alleviate duct movement problems in power stations and help ensure operational efficiency.



CUSTOM SIZES

We have the ability to produce custom size Bus Duct Bellows in various configurations, including round, square or rectangular with or without convolutions. Simply contact us with your requirements for your custom connector and we will be happy to assist you.

STANDARD BUS DUCT BELLOWS SIZES AVAILABLE

Pt. No.	I.D.	O.D.	B.C.	F.F.	# Holes	Hole Size
4015	25 ³ / ₈ "	27 ³ / ₄ "	26 ³ / ₄ "	5"	16	1/2"
4016	30 ⁷ / ₈ "	33 ¹ / ₄ "	32 ¹ / ₄ "	5"	24	1/2"
4017	39 ¹ / ₄ "	41 ⁵ / ₈ "	40 ⁵ / ₈ "	5"	24	1/2"
4018	29 ¹ / ₄ "	31 ⁵ / ₈ "	30 ⁵ / ₈ "	5"	16	1/2"
4019	35 ³ / ₈ "	37 ³ / ₄ "	36 ³ / ₄ "	5"	24	1/2"
4020	33"	35 ³ / ₈ "	34 ³ / ₈ "	5"	24	1/2"
4022	41 ¹ / ₂ "	43 ⁷ / ₈ "	42 ⁷ / ₈ "	5"	24	1/2"
4174	44"	46 ³ / ₈ "	45 ³ / ₈ "	5"	24	1/2"
3840	46"	48 ³ / ₈ "	47 ³ / ₈ "	5"	24	1/2"
3841	48"	50 ³ / ₈ "	49 ³ / ₈ "	5"	24	1/2"

FAN CONNECTORS

As a general term "Fan Connector" can define any number of different light weight parts constructed from rubber and reinforced with fabric. In so many cases there is no "normal" construction style. There is a great variation of aspects that go into determining what approach to take when creating a light weight connector. Dimensional requirements, operating temperature, and ambient conditions are only a few of the concerns that must be addressed when designing an appropriate fan connector.



US NAVY FAN CONNECTORS

Used on board all types of U.S. Navy vessels, these lightweight neoprene connectors are used to isolate vaneaxial type fans from ventilation ductwork and prevent the transmission of noise and vibration throughout the ship. Available in standard round configurations from sizes A 1/4 - A 30 as well as rectangular and custom sizes. Standard material meets specification R-6855 CL2 Grade 40. For standard sizes, simply specify the size desired, for custom sizes please provide ID, OD and FF dimensions.

CUSTOM CONNECTOR CASE STUDIES

Flangless, Vacuum Resistant, Lightweight Connecting Sleeve

An excellent example of our custom requests is the flangeless connector pictured here. In this particular situation, our customer needed a highly flexible connector with no flanges but that could resist a vacuum environment. This sleeve is built with high strength wire that was spiral wound to maintain flexibility but also increase strength.



Complete "Out of Box" Product Solutions



A full package solution for our customers includes not only custom rubber component construction but also metal liner and retaining ring fabrication as well as our ability to meet strict priming and painting requirements as set forth by the end user.

These parts were custom designed and built for a cement plant. The operating temperature is rather low but the medium is rough slurry that required strong metal liners. Our inclusive construction style allows our customers to offer the end user an out of the box drop in solution. There is no need to farm individual parts to multiple suppliers.