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## **FLEX BELLOWS**

ROAD CHOICE® FLEX BELLOWS KITS are designed to be used in pre-treatment exhaust applications for all classes and vocations of commercial trucks. All Road Choice bellows are compliant with EPA standards and meet the leakage requirements for applications between the turbo and the aftertreatment system.

Exhaust bellows are hydro-formed, highly flexible components that are designed to limit the stresses passed along to high-cost emission systems by absorbing displacements and vibrations in the exhaust system.

#### **FEATURES AND BENEFITS:**

- 300 series stainless steel construction
- Zero leak rate exhaust bellows, including torsional bellows\*
- Up to 10 times the life expectancy of conventional flex hose assemblies
- Kits include everything needed for proper installation

Our flex bellow kits are an easy, cost-effective way to replace exhaust bellows. Kits include bellows, clamps and gaskets.\*

\*when necessary

\*leak rate on all aftermarket bellows is less than .5CFM at 4.5 PS1



### **FLEX BELLOWS**

<b>AUTOCAR</b>		
DOCO	FB2350981 OEM PN A2350981-001	
BLUEBIRD	RUS	
TO TO	<b>FB716131</b> OEM PN Q716131	
FREIGHTLI	NER	
3	FB28578	
	OEM PN 04-28578-000 A04-25922-018 A04-26193-018	
	FB28522	
	OEM PN 04-28522-000 A04-25022-018	
TOO TOO	<b>FB28675</b> OEM PN 04-28675-000	
THOO STATES	<b>FB25023</b> OEM PN A04-25023-016	
	<b>FB27334</b> OEM PN A04-27334-018	
	<b>FB26374</b> OEM PN A04-26374-016	
00	<b>FB27252</b> OEM PN 04-27252-000	
000	<b>FB27254</b> OEM PN 04-27254-000	
00	FB28907	

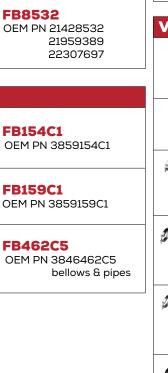
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OEM PN 04-28907-000



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FB755C4

**NAVISTAR** 

## **FLEXIBLE TUBING**

Interlock flex tubing is specifically engineered for post-treatment exhaust applications in a wide range of commercial trucks, catering to various classes and vocations.

This innovative solution comprises a flexible metal hose, carefully spirally wound to create a robust and economical alternative for connecting rigid exhaust tubes. Its unique design enables it to accommodate minor misalignments within the system, ensuring seamless integration. Additionally, it effectively decouples motions that naturally arise during truck operation, guaranteeing enhanced durability and performance.



#### **GALVANIZED FLEX TUBING**

Galvanized flex tubing is a highly durable hose that exhibits fair oxidation resistance. It is specifically engineered to withstand elevated temperatures of up to 600°F (316°C), making it ideal for a wide range of applications.

PART NUMBER	DESCRIPTION	ТҮРЕ
FLX40018G	4" x 18" Galvanized Flex Tube	Cut
FLX40024G	4" x 24" Galvanized Flex Tube	Cut
FLX40036G	4" X 36" Galvanized Flex Tube	Cut
FLX50018G	5" x 18" Galvanized .019 Flex Tube	Cut
FLX50024G	5" x 24" Galvanized Flex Tube	Cut
FLX50036G	5" x 36" Galvanized Flex Tube	Cut

#### STAINLESS STEEL FLEX TUBING

Stainless flex tubing is meticulously engineered to deliver unparalleled durability, coupled with exceptional corrosion resistance. Crafted from high-quality stainless steel, this tubing is designed to withstand extreme temperatures, boasting an impressive tolerance of up to 1,200°F (649°C). Its robust construction ensures reliable performance even in the harshest environments, making it an ideal choice for a wide range of applications where both durability and resistance to corrosion are crucial.

PART NUMBER	DESCRIPTION	ТҮРЕ
FLX40018SS	4" x 18" Stainless Steel 304 Flex Tube	Cut
FLX40024SS	4" x 24" Stainless Steel 304 Flex Tube	Cut
FLX40036SS	4" x 36" Stainless Steel 304 Flex Tube	Cut
FLX50012SS	5" x 12" Stainless Steel 304 Flex Tube	Cut
FLX50018SS	5" x 18" Stainless Steel 304 Flex Tube	Cut
FLX50024SS	5" x 24" Stainless Steel 304 Flex Tube	Cut
FLX50036SS	5" x 36" Stainless Steel 304 Flex Tube	Cut

# **BULK FLEXIBLE TUBING**

### **BULK TUBING**

By purchasing tube in bulk, your fleet can benefit from cost savings while still maintaining the flexibility to customize the flange attachment according to their specific requirements. This approach allows for greater efficiency and cost-effectiveness in the long run, refer to the cutting procedures below for instructions on how to properly handle bulk tubing.



PART NUMBER	DESCRIPTION	MATERIAL
FLX400X10G	4" x 10' Flex Tube	Galvanized
FLX400X10SS	4" x .019' x 10' Flex Tube	Stainless Steel
FLX400X25G	4" x 25' Flex Tube	Galvanized
FLX400X25SS	4" x 25' Flex Tube	Stainless Steel
FLX500X10G	5" x 10' Flex Tube	Galvanized
FLX500X10SS	5" x .019" x 10' Flex Tube	Stainless Steel
FLX500X25G	5" x 25' Flex Tube	Galvanized
FLX500X25SS	5" x 25' Flex Tube	Stainless Steel
FLX600X10G	6" x 10' Flex Tube	Galvanized
FLX600X10SS	6" x 10' Flex Tube	Stainless Steel
FLX600X25G	6" x 25' Flex Tube	Galvanized
FLX600X25SS	6" x 25' Flex Tube	Stainless Steel
FLX350X25G	3.5" x 25' Flex Tube	Galvanized

## **BULK FLEXIBLE TUBING**

#### **CUTTING PROCEDURES**

To mitigate the issue of flexible tubing twisting and unraveling at cut ends, it is recommended to follow the following procedures while cutting:

- Measure and mark the desired length of tubing accurately.
- Wrap the intended cutting point of flex with standard 2" wide duct tape. The cutting point will be the middle of the taped area.
- Use a metal saw with a 24 or 32 tooth per inch saw blade such as a tube cutter or a fine-toothed saw, to ensure clean and precise cuts. Securely hold the tubing in place, preferably using a vise or clamps, to prevent unnecessary movement during the cutting process.
- After cutting, inspect the ends of the tubing for any fraying or uneven edges. If necessary, carefully remove any rough edges using a hand metal file.
- To maintain the tubing's diameter and prevent unraveling, it is advisable to install appropriate end fittings or connectors promptly.

By following these procedures, the risk of twisting, diameter changes, and other related issues can be minimized, ensuring optimal performance and longevity of the flexible tubing.

