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# CLAMPS – U-style

We **MAKE** Our Own Clamps!

## Heavy-Duty Clamps – 3/8" HD U Bolts

Individually  
Boxed!



Size	Part#	Per Case
1-3/4"	07134	50
1-7/8"	07178	50
2"	07200	50
2-1/4"	07214	50
2-1/2"	07212	50

With O.E.M. flange nuts

## GM Style HD Clamps With Special Saddle – 3/8" HD U Bolts

Individually  
Boxed!

GM style  
Drawn Cup  
for added  
strength.



Size	Part#	Per Case
1-3/4"	03134	50
1-7/8"	03178	50
2"	03200	50
2-1/4"	03214	50
2-1/2"	03212	50

With O.E.M. flange nuts

## FLEXATUBE Welded Clamps – STRONGEST in the Industry!

Zinc with Round U-Bolt

Size	Part#	Per Case
2-3/4"	04234	25
3"	04300	25
3-1/2"	04312	25
4"	04400	25
5"	04500	25
6"	04600	25

### FLEXATUBE FEATURES

- Extra long MIG-welded side seams
- Super strong 11 gauge saddles
- High strength 3/8" U-Bolts
- Corrosion-resistant bright zinc plating



with Flat U-Bolt

Size	Zinc	Chrome	Per Case
3"	54300	-	25
3-1/2"	54312	-	25
4"	54400	54400C	25
5"	54500	54500C	25

Serrated flange nuts

hqtruckparts.com

# CLAMPS – U-style and Band



We **MAKE** Our Own Clamps!

Are all Guillotine Clamps created equal?  
The answer is **NO!**  
Flexatube Guillotines act a little differently  
when you tighten the nuts... Both ends  
of the saddle draw closed, instead of  
one side opening up!

**Individually cold-packed  
& labeled**



## FLEXATURE FEATURES

- High strength 3/8" U-Bolts
- Heavy gauge saddles
- Strength Rib stamped into each saddle
- Corrosion-resistant bright zinc plating

## Premium Guillotine Clamps

### Zinc with Round U-Bolt

Size	Part#	Per Case
2-1/4"	02214	50
2-1/2"	02212	50
3"	02300	50
3-1/2"	02312	50
4"	02400	50
5"	02500	50

Serrated flange nuts

## V-Band Exhaust Clamp



Part#	Application
FLX-V300C	CUMMINS V903 MANIFOLD
FLX-V300DD	DETROIT 6V-71
FLX-V350C	CUMMINS C
FLX-V350CAT	CAT 3208T
FLX-V350DD	DETROIT 8V-71
FLX-V350NAV	NAV. DT466, 1991 & UP
FLX-V400N	DD8.2T & DD8.2N
FLX-V400C	CUMMINS L10, CAT 3176T
FLX-V400DD	DETROIT 6-71
FLX-V400E	MACK
FLX-V400M	MACK - MOST 6 CYLINDERS
FLX-V500C	CUMMINS T50 TURBO, CAT 3406, DD60
FLX-V500D	DD8V71
FLX-V500T	DD8V71T

## Ultra Pre-Formed Aluminized



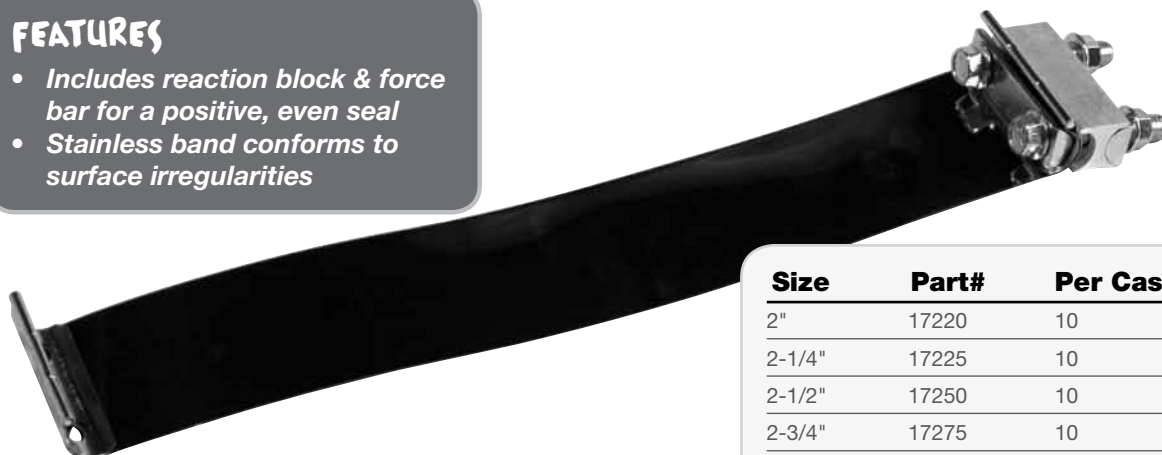
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**HIGH QUALITY EXHAUST PARTS by Flexatube**

## FLEXTITE 'Easy Seal' Band Clamps: *Lap Joints*

### FEATURES

- Includes reaction block & force bar for a positive, even seal
- Stainless band conforms to surface irregularities



Individual boxed flat  
ten boxes per carton

Size	Part#	Per Case
2"	17220	10
2-1/4"	17225	10
2-1/2"	17250	10
2-3/4"	17275	10
3"	17330	10
3-1/2"	17350	10
4"	17440	10
5"	17550	10
6"	17660	10

## FLEX-SEAL™ Series Band Clamps: *Lap Joints* *Flat, No-Step Style Band*

### FLEXATURE FEATURES

- Aluminized or bright stainless
- Band conforms to surface imperfections for a leak-proof seal
- Complete with mounting hardware & seal
- Individually boxed showing part# & size
- OEM style

Secures hard pipe  
lap connections



Ideal for securing  
flex over hard pipe

Individual boxed flat  
ten boxes per carton

Size	Stainless #	Aluminized #	Per Case
2"	06200	-	10
2-1/4"	06214	-	10
2-1/2"	06212	-	10
2-3/4"	06234	-	10
3"	06300	-	10
3-1/2"	06312	16312	10
4"	06400	16400	10
5"	06500	16500	10
6"	06600	-	10

## FLEX-SEAL™ Series Band Clamps (with step): *Lap Joints*

Stainless Steel

### FEATURES

- Preformed, bright stainless band
- Flexible band conforms to surface contours for leak-resistant seal
- Complete with mounting hardware
- Two per box showing part # & size
- OEM style



Size	Part#	Per Case
4"	06444	10
5"	06555	10

## FLEXTITE Pre-Formed Band Clamps: *Butt Joints*

Individually packaged  
ten per carton

Stainless Steel

### FEATURES

- Includes reaction block & force bar for a positive, even seal
- Stainless band conforms to surface irregularities
- Pre-attached hardware, ready for installation



Size	Part#	Per Case
3"	07333	10
3-1/2"	07335	10
4"	07444	10
5"	07555	10
6"	07666	10

## FLEXTITE Pre-Formed Band Clamps: *Lap Joints*

### FEATURES

- Available in bright stainless or aluminized
- Includes reaction block & force bar for a positive, even seal
- Stainless band conforms to surface irregularities
- Pre-attached hardware, ready for installation
- Will not damage or crimp flex



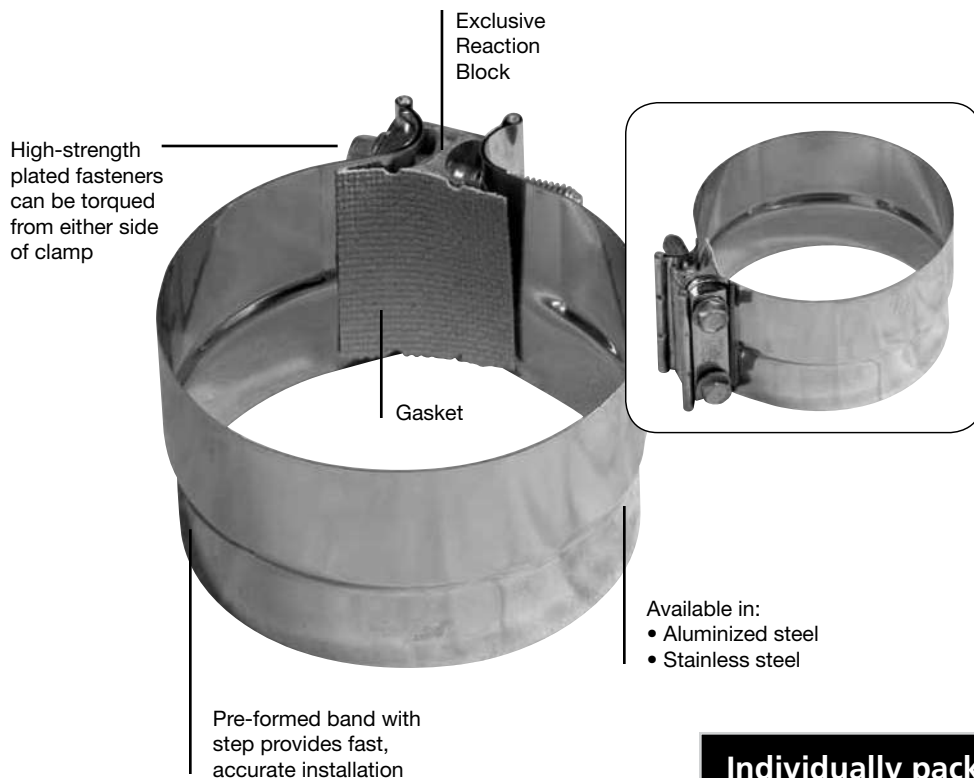
Size	Stainless #	Aluminized #	Per Case
2"	17200	-	10
2-1/4"	17214	-	10
2-1/2"	17212	-	10
2-3/4"	17234	-	10
3"	17300	17300A	10
3-1/2"	17312	17312A	10
4"	17400	17400A	10
5"	17500	17500A	10
6"	17600	17600A	10

Joins any lap-joint connection  
\*Hard pipe-to-flex / Hard pipe-to-hard pipe\*

Individually packaged  
ten per carton

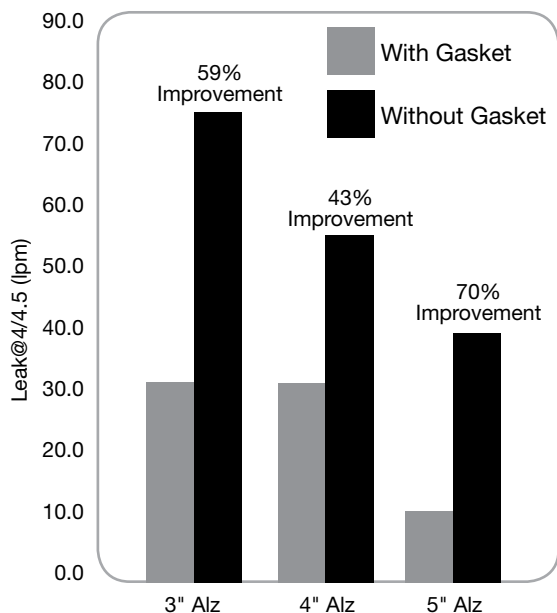
## FLEXTITE with Gasket Pre-Formed Band Clamps: *Lap Joints*

Adding a new twist to the already proven Lap-Joint band clamp, here is a definite **IMPROVEMENT!** A gasket was added in the area where leakage used to occur. A special high-temperature fiberglass material added to this key area **DRAMATICALLY** reduces leaks! **The good part... it costs barely more than clamps without the gasket!**



**Individually packaged  
ten per carton**

### Performance Data:

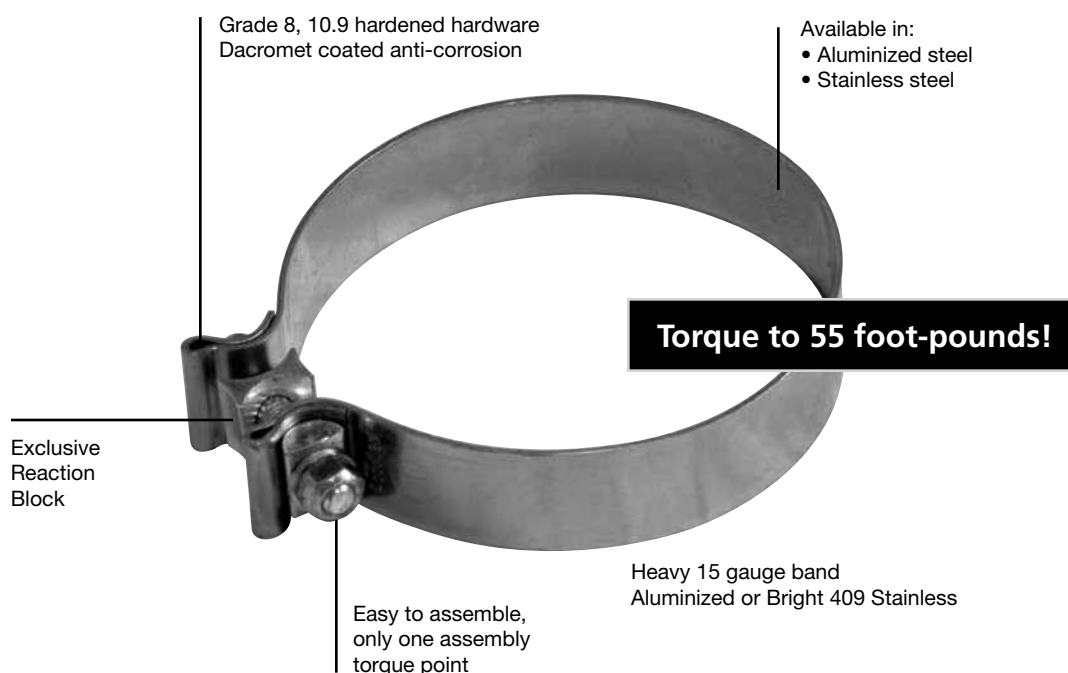


Size	Aluminum #	Stainless #	Per Case
3"	17300AG	17300G	10
3-1/2"	17312AG	17312G	10
4"	17400AG	17400G	10
5"	17500AG	17500G	10

## FLEXTITE Accuseal® Band Clamps: *Hard Connections*

**Why use an AccuSeal® Clamp? (How have you gone this long *WITHOUT* them!)**

Made with a very heavy-gauge 1-1/4" wide band (15 gauge / .070"), the AccuSeal is a **strong** clamp which can be used in place of U-bolt style clamps. Widely used on **OE** exhaust connections, the real benefit of the AccuSeal is noticed when *servicing* a connection. Not only will a stack or elbow disassemble easily later on, the AccuSeal is a streamlined, good-looking clamp. Designed not to crimp or distort stacks or pipes. **AccuSeals are AWESOME!**



**Individually packaged  
ten per carton**

### Aluminized & Bright Stainless:

Size	Aluminum #	Stainless #	Per Case
2"	17201A	17201	10
2-1/2"	17251A	17511	10
3"	17301A	17301	10
3-1/2"	17351A	17351	10
4"	17401A	17401	10
5"	17501A	17501	10
6"	17601A	17601	10



# CONNECTORS & REDUCERS

Aluminized Steel - 16 Gauge - Can Be Welded



ID-ID Connectors

ID-ID	Part#	Length	Per Case
1-1/2" - 1-1/2"	80019	4"	6
1-3/4" - 1-3/4"	80033	4"	6
1-5/8" - 1-5/8"	80054	4"	6
1-7/8" - 1-7/8"	80031	4"	6
2" - 2"	80004	4"	6
2-1/2" - 2-1/2"	80013	4"	6
2-1/4" - 2-1/4"	80011	4"	6
2-1/8" - 2-1/8"	80010	4"	6
2-3/4" - 2-3/4"	80073	5"	6
3" - 3"	99300	5"	6
4" - 4"	99400	6"	N/A
5" - 5"	99500	8"	N/A



ID-OD Connectors

ID-OD	Part#	Length	Per Case
1-1/2" - 1-1/2"	80020	4"	6
1-3/4" - 1-3/4"	80015	4"	6
1-5/8" - 1-5/8"	80040	4"	6
1-7/8" - 1-7/8"	80030	4"	6
2" - 2"	80001	4"	6
2-1/2" - 2-1/2"	80017	4"	6
2-1/4" - 2-1/4"	80012	4"	6
2-1/8" - 2-1/8"	80038	4"	6
2-3/4" - 2-3/4"	80074	5"	6
3" - 3"	80065	5"	6
4" - 4"	96440	6"	6
4" - 4"	FLX-N8991	6"	6
5" - 5"	FLX-N8978	6"	6
5" - 5"	96550	8"	6



OD-ID Reducers

OD-ID	Part#	Length	Per Case
1-1/2" - 1-3/8"	80021	4"	6
1-3/4" - 1-1/2"	80041	4"	6
1-3/4" - 1-5/8"	80028	4"	6
1-5/8" - 1-1/2"	80055	4"	6
1-7/8" - 1-3/4"	80029	4"	6
2" - 1-1/2"	80057	4"	6
2" - 1-3/4"	80007	4"	6
2" - 1-7/8"	80035	4"	6
2-1/2" - 2"	80070	4"	6
2-1/2" - 2-1/4"	80071	4"	6
2-1/2" - 2-1/8"	80058	4"	6
2-1/4" - 1-3/4"	80056	4"	6
2-1/4" - 2"	80069	4"	6
2-3/4" - 2-1/2"	80072	4"	6
3" - 2-1/2"	80067	5"	6
3" - 2-3/4"	96300	5"	6
4" - 3-1/2"	96400	6"	N/A
5" - 4"	96500	8"	N/A

ID-OD Reducers

ID-OD	Part#	Length	Per Case
1-1/2" - 1-1/4"	80053	4"	6
1-1/2" - 1-3/8"	80022	4"	6
1-3/4" - 1-1/2"	80025	4"	6
1-3/4" - 1-3/8"	80064	4"	6
1-3/8" - 1-1/4"	80060	4"	6
1-5/8" - 1-1/2"	80052	4"	6
1-7/8" - 1-1/2"	80026	4"	6
1-7/8" - 1-3/4"	80024	4"	6
2" - 1-13/16"	80008	4"	6
2" - 1-3/4"	80016	4"	6
2" - 1-7/8"	80032	4"	6
2-1/2" - 2"	80005	4"	6
2-1/2" - 2-1/4"	80018	4"	6
2-1/2" - 2-1/8"	80042	4"	6
2-1/4" - 1-7/8"	80009	4"	6
2-1/4" - 2"	80002	4"	6
2-1/4" - 2-1/8"	80039	4"	6
2-1/8" - 2"	80014	4"	6
2-1/8" - 1-3/4"	80027	4"	6
2-1/8" - 1-7/8"	80036	4"	6
2-3/4" - 2-1/2"	80075	5"	6
2-3/8" - 2"	80059	4"	6
3" - 2-1/2"	80076	5"	6

# CONNECTORS & REDUCERS



Aluminized Steel - 16 Gauge - Can Be Welded

## ID-ID Reducers

ID-ID	Part#	Length	Per Case
1-3/4" - 1-1/2"	80061	4"	6
1-3/4" - 1-5/8"	80063	4"	6
1-5/8" - 1-1/2"	80043	4"	6
1-7/8" - 1-3/4"	80044	4"	6
2" - 1-1/2"	80006	4"	6
2" - 1-3/4"	80003	4"	6
2" - 1-7/8"	80046	4"	6
2-1/2" - 2"	80048	4"	6
2-1/2" - 2-1/4"	80050	4"	6
2-1/4" - 1-3/4"	80045	4"	6
2-1/4" - 2"	80047	4"	6
2-1/4" - 2-1/8"	80049	4"	6
2-1/8" - 1-7/8"	80037	4"	6
2-3/8" - 2-1/4"	80062	4"	6
3" - 2-1/2"	80078	5"	6
3" - 2-1/2"	FLX-N8953	6"	6
3" - 2-3/4"	96301	5"	6
4" - 3"	FLX-N8956	5"	6
4" - 3-1/2"	96401	6"	N/A
5" - 4"	96501	8"	N/A



## OD-OD Reducers

OD-ID	Part#	Length	Per Case
1-3/4" - 1-1/2"	80023	4"	6
2" - 1-7/8"	80034	4"	6
2-1/4" - 2"	80068	4"	6
5" - 4"	96541	8"	6

## Helpful tips on using Connectors/Reducers:

- Always figure opposite diameter
- Welding an adapter onto a component before installation, may result in a better connection!

- Elbow into muffler - different diameters

To join a 4" OD elbow into the bottom of a 5" muffler (usually ID), use "opposite" method: 4" ID-to-5" OD. This is an OD-ID reducer (part #96500)



- Connecting OD pipes of different diameter



Typically, hard exhaust pipe is always sized OD: to join 4" OD-to-5" OD hard pipe, use a 5" ID-to-4" ID reducer (part #96501)

- You CAN'T go OVER an ID-sized connection - this would be non-standard practice! When dealing with an ID diameter, always figure on going INSIDE of it with OD.

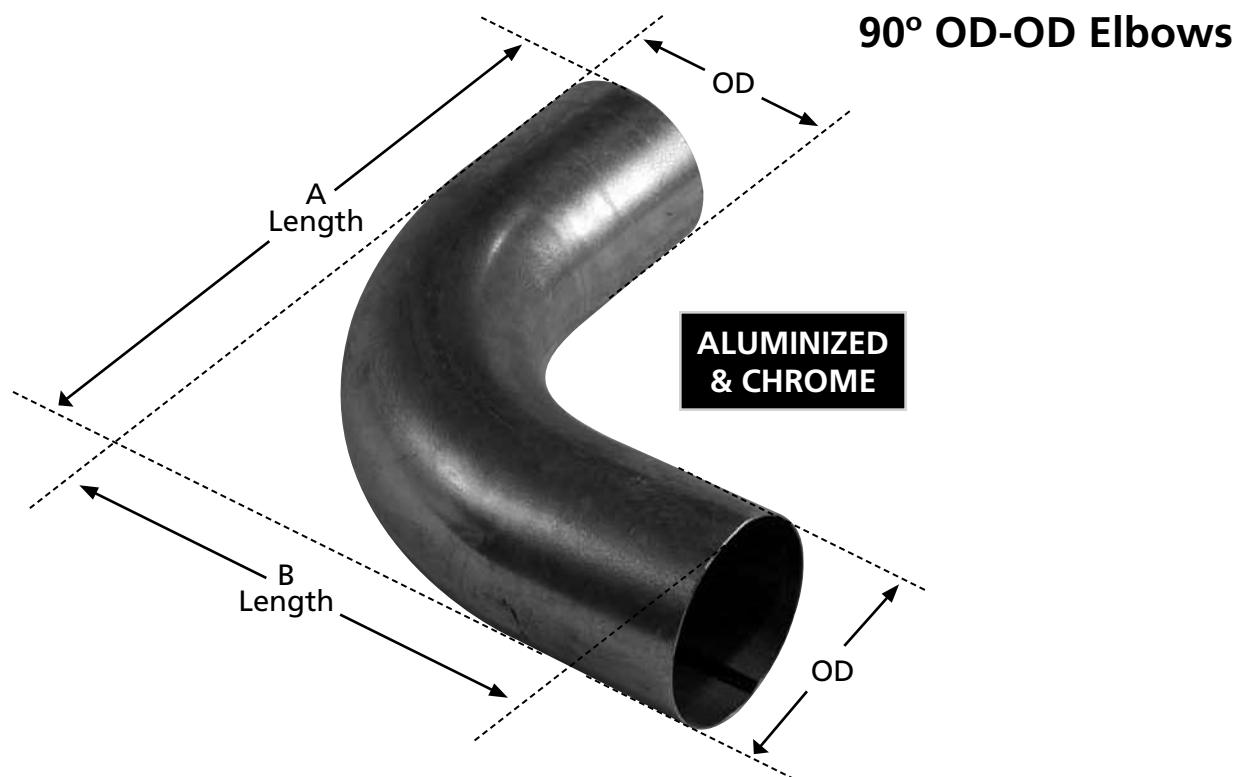
HIGH QUALITY EXHAUST PARTS by Flexatube



# FLEXATUBE ELBOW PROGRAM

## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)



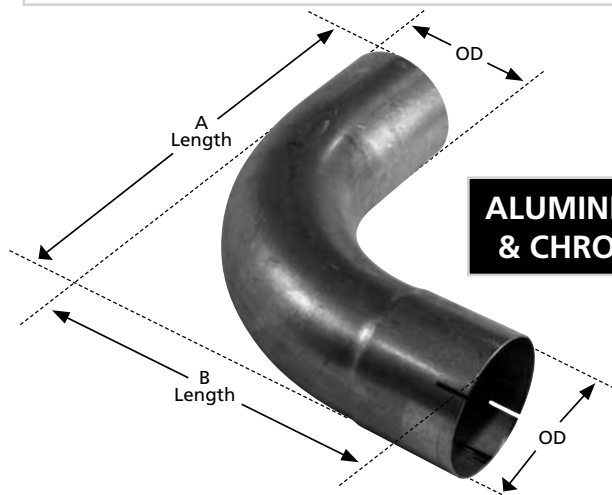
Size	Aluminized #	Chrome #	Length A-B	Bend Radius
3"	71301S	-	8" – 8"	5"
3"	71301M	-	10" – 10"	5"
3"	69301	-	14" – 14"	5"
3"	10337	-	3" – 3"	3.5"
3-1/2"	71351S	-	9" – 9"	5"
3-1/2"	71351M	-	11" – 11"	5"
3-1/2"	69351	-	14" – 14"	5"
4"	71401S	71401SC	10" – 10"	4.5"
4"	71401M	71401MC	14" – 14"	4.5"
4"	69401	69401C	18" – 18"	4.5"
4"	69401W	69401WC	18" – 18"	8"
4"	FLX-N10781	-	8" – 8"	4"
4"	FLX-N10339	-	4-1/2" – 4-1/2"	4.5"
4"	FLX-N10539	-	12" – 12"	5.5"
5"	71501S	71501SC	12" – 12"	6"
5"	71501M	71501MC	15" – 15"	8"
5"	69501	69501C	19" – 19"	8"
5"	69501W	69501WC	19" – 19"	10"
5"	FLX-N10785	-	8-1/2" – 8-1/2"	6"
5"	FLX-N10340	-	5-1/2" – 5-1/2"	5-1/2"
5"	FLX-N10541	-	11" – 16"	5-1/2"
5"	FLX-N10789	-	9-1/2" – 9-1/2"	6"

# FLEXATUBE ELBOW PROGRAM



## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)



90° ID-OD Elbows

Size	Aluminized #	Chrome #	Length A-B	Bend Radius
1-1/2"	89112*	-	8" – 10"	3.5"
1-3/4"	89134*	-	9" – 10"	3.5"
1-7/8"	89178*	-	8" – 12"	4"
2"	89200*	-	8" – 12"	4"
2-1/8"	89218*	-	9" – 10"	4"
2-1/4"	89214*	-	10" – 11"	5"
2-1/2"	89212*	-	9" – 12"	5"
3"	71300S	-	8" – 8"	5"
3"	71300M	-	10" – 10"	5"
3"	69300	-	14" – 14"	5"
3-1/2"	71350S	-	9" – 9"	5"
3-1/2"	71350M	-	11" – 11"	5"
3-1/2"	69350	-	14" – 14"	5"
3-1/2"	FLX-N10795	-	6-1/4" – 6-1/4"	3.5"
3-1/2"	FLX-N10676	-	9" – 9"	4.5"
3-1/2"	FLX-N10759	-	9-1/4" – 9-3/4"	5"
4"	71400S	71400SC	10" – 10"	4.5"
4"	71400M	71400MC	14" – 14"	4.5"
4"	69400	69400C	18" – 18"	4.5"
4"	69400W	69400WC	18" – 18"	8"
4"	FLX-N10681	-	8" – 8"	4.5"
4"	FLX-N10761	-	12" – 12"	6"
4"	FLX-N10306	-	18" – 18"	8"
5"	71500S	71500SC	12" – 12"	6"
5"	71500M	71500MC	15" – 15"	8"
5"	69500	69500C	19" – 19"	8"
5"	69500W	69500WC	19" – 19"	10"
5"	69500W	69500WC	19" – 19"	10"
5"	FLX-N10764	-	8-1/2" – 8-1/2"	6"
5"	FLX-N10680	-	11" – 11"	7.5"
5"	FLX-N10308	-	18" – 18"	10"



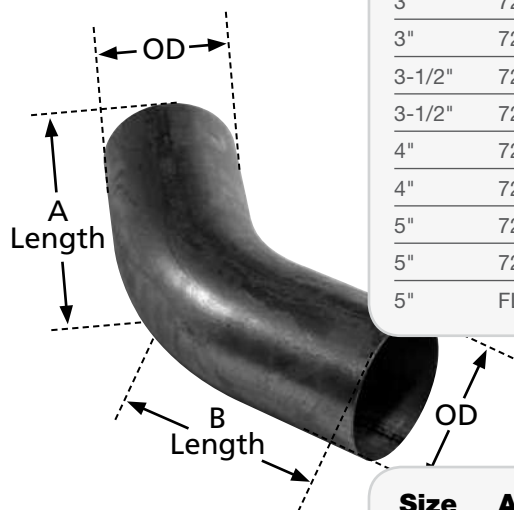
# FLEXATUBE ELBOW PROGRAM

## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

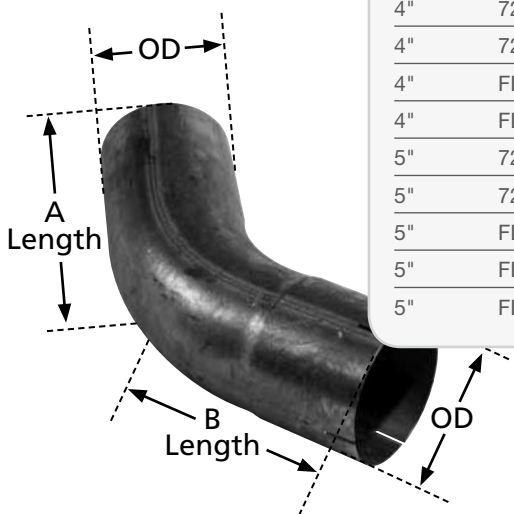
**ALUMINIZED  
& CHROME**

## 45° OD-OD Elbows



Size	Aluminized #	Chrome #	Length A-B	Bend Radius
3"	72301	-	9" – 9"	6"
3"	72301S	-	7" – 7"	6"
3-1/2"	72351	-	9" – 9"	6"
3-1/2"	72351S	-	8" – 8"	6"
4"	72401	72401C	10" – 10"	4.5"
4"	72401S	72401SC	8" – 8"	4.5"
5"	72501	72501C	12" – 12"	8"
5"	72501S	72501SC	8" – 8"	8"
5"	FLX-N10567	-	8" – 8"	5.5"

## 45° ID-OD Elbows



Size	Aluminized #	Chrome #	Length A-B	Bend Radius
1-1/2"	84112*	-	5 – 4	3.5"
1-3/4"	84134*	-	5 – 4	3.5"
1-7/8"	84178*	-	5 – 4	4"
2"	84200*	-	5 – 4	4"
2-1/8"	84218*	-	5 – 4	4"
2-1/4"	84214*	-	5 – 5	5"
2-1/2"	84212*	-	5 – 5	5"
2-1/2"	FLX-N10312	-	6" – 6"	4"
3"	72300	-	9 – 9	6"
3"	72300S	-	7 – 7	6"
3"	FLX-N10313	-	7" – 7"	6"
3-1/2"	72350	-	9 – 9	6"
3-1/2"	72350S	-	8 – 8	6"
3-1/2"	FLX-N10314	-	8" – 8"	7"
4"	72400	72400C	10 – 10	4.5"
4"	72400S	72400SC	8 – 8	4.5"
4"	FLX-N10726	-	6" – 6"	6"
4"	FLX-N10315	-	9-1/4" – 9-1/4"	8"
5"	72500	72500C	12 – 12	8"
5"	72500S	72500SC	8 – 8	8"
5"	FLX-N10729	-	7" – 7"	8"
5"	FLX-N10730	-	8" – 8"	10"
5"	FLX-N10731	-	12" – 12"	10"

\*=compression-bent / 6 per box

**HIGH QUALITY EXHAUST PARTS by Flexatube**

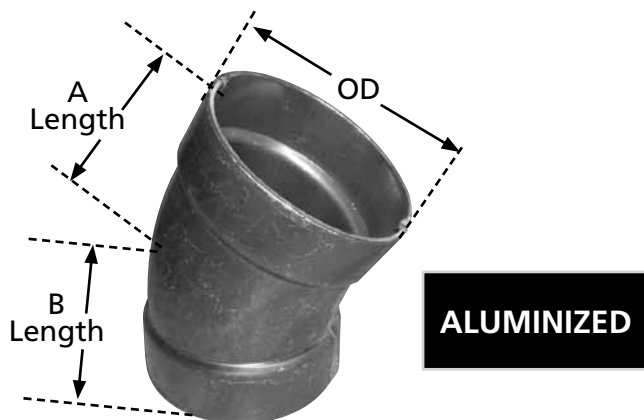
# FLEXATUBE ELBOW PROGRAM



## All FLEXATUBE Elbows Feature:

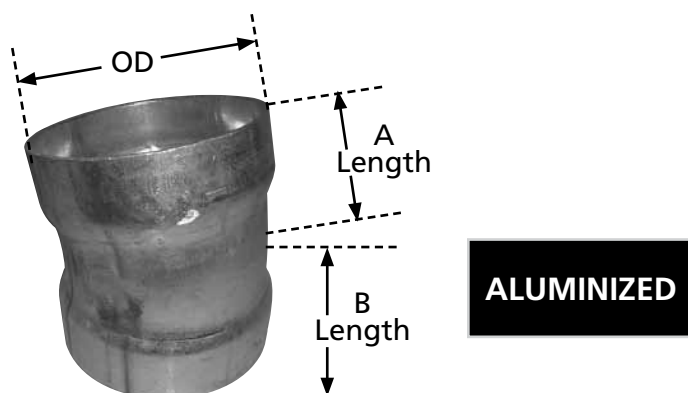
- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

### 30° ID-OD Elbows



Size	Aluminized #	Chrome #	Length A-B	Bend Radius
3-1/2"	FLX-N10631	-	4" – 4"	5"
4"	FLX-N10632	-	4" – 4"	5"
5"	FLX-N10633	-	4" – 4"	6"

### 15° OD Elbows



Size	Aluminized #	Chrome #	Length A-B	Bend Radius
3-1/2"	FLX-N10638	-	2" – 2"	4"
4"	FLX-N10684	-	2" – 2"	4.5"
5"	FLX-N10685	-	4" – 4"	8"

HIGH QUALITY EXHAUST PARTS by Flexatube



# FLEXATUBE ELBOW PROGRAM

## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

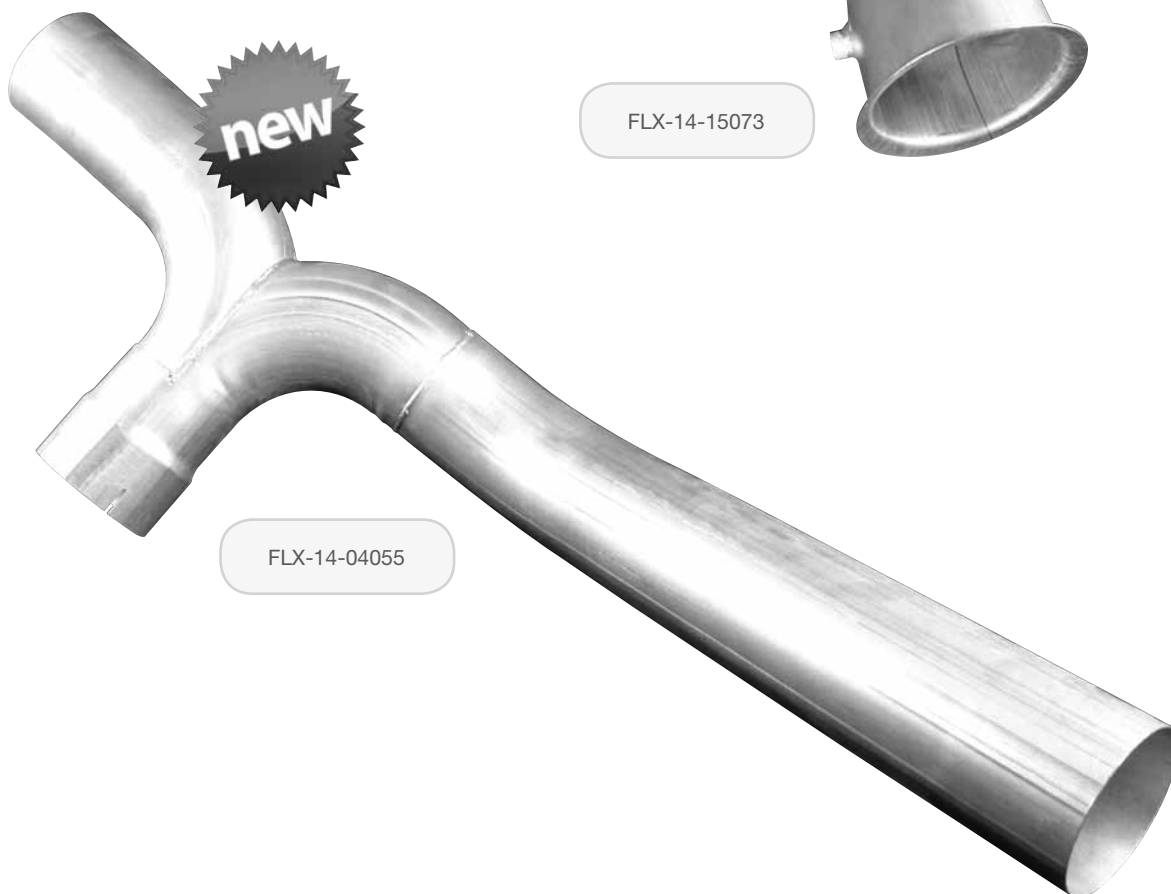
## Replacement Parts for Peterbilt



FLX-14-13056



FLX-14-15073



FLX-14-04055

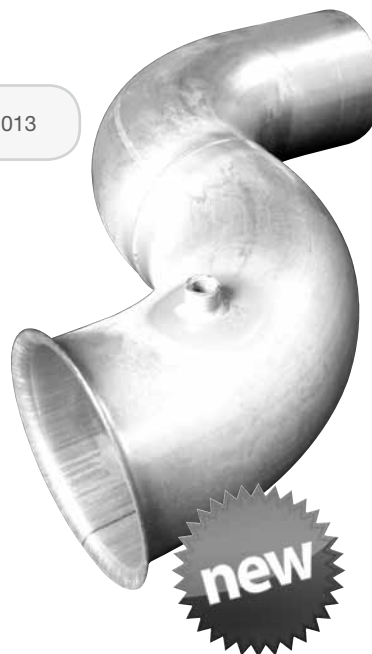
# FLEXATUBE ELBOW PROGRAM



## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

## Replacement Parts for Freightliner



HIGH QUALITY EXHAUST PARTS by Flexatube



# FLEXATUBE ELBOW PROGRAM

## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

## Replacement Parts for Freightliner



HIGH QUALITY EXHAUST PARTS by Flexatube

# FLEXATUBE ELBOW PROGRAM



## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

## Replacement Parts for Freightliner



FLX-17094-012

FLX-09657-013C



FLX-17476-000



HIGH QUALITY EXHAUST PARTS by Flexatube



# FLEXATUBE ELBOW PROGRAM

## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

## Replacement Parts for Freightliner

FLX-16621-001

new

new

FLX-17094-030

FLX-17094-014

new

# FLEXATUBE ELBOW PROGRAM



## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

## Replacement Parts for Kenworth

FLX-K180-18531



new

FLX-K180-14764L



new

FLX-K180-14764R



HIGH QUALITY EXHAUST PARTS by Flexatube



# FLEXATUBE ELBOW PROGRAM

## All FLEXATUBE Elbows Feature:

- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

## Replacement Parts for Kenworth



# FLEXATUBE ELBOW PROGRAM



## All FLEXATUBE Elbows Feature:

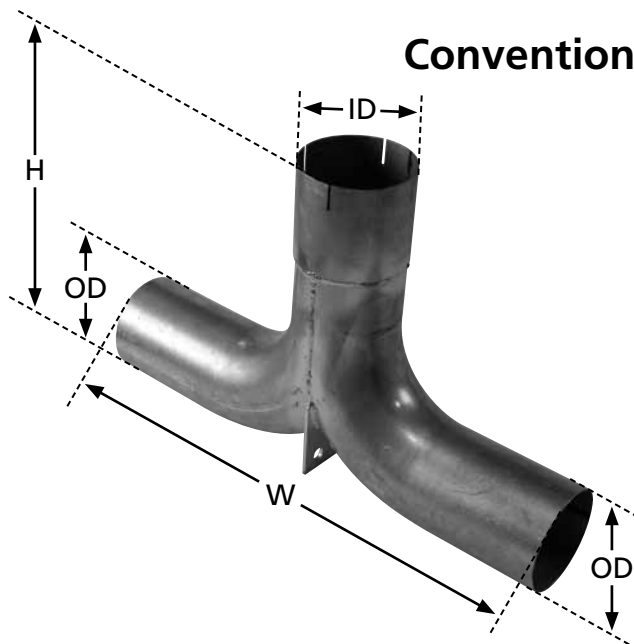
- Smooth, mandrel bends – no diameter loss
- Aluminized steel (corrosion resistance)
- 16 gauge material (can be welded)

## Replacement Parts for Kenworth



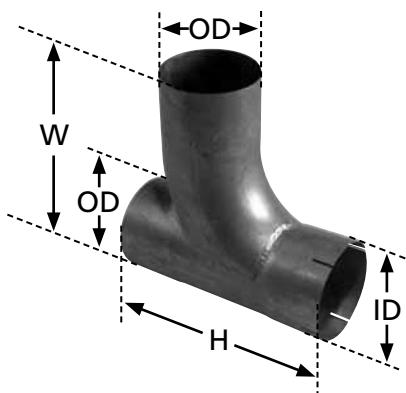
HIGH QUALITY EXHAUST PARTS by Flexatube

## Conventional Tee Adaptors: (with bracket):



- 16 gauge ALUMINIZED STEEL
- Heavy-duty MIG welded seams
- Can be welded for custom fabrications

Size	Part#	Height	Width
4"	73400	12"	20"
5"	73500	16"	25"



## Conventional "Y" Adaptors:

- 16 gauge ALUMINIZED STEEL
- Heavy-duty MIG welded seams
- Can be welded for custom fabrications

Size	Part#	Height	Width
4"	73401	14"	11"
5"	73501	16"	12"

Size (OD)	Part#	Length
1-1/2"	91150	10'
1-3/4"	91175	10'
2"	91200	10'
2-1/4"	91225	10'
2-1/2"	91250	10'
2-3/4"	91275	10'
3"	91300	10'
3-1/2"	91350	10'
4"	91400	10'
5"	91500	10'
6"	91600	10'

## 10' Straight Tubing - Aluminized Steel

- AKDQ bendable
- 16 gauge – corrosion resistant
- Can be welded



- 10 foot sticks
- Sized OD
- Sold individually or in any quantity

## O.D. Style - (Fit inside muffler outlets):



**Aluminized**

- 16 gauge ALUMINIZED STEEL
- Smooth, mandrel-bent

Size	Part#	Height	Per Case
2-1/2"	93251	12"	N/A
3"	93301	13"	N/A
4"	93401	16"	N/A
5"	93501	16"	N/A

## I.D. Style - (Fit over standard hard pipe):



**Aluminized**

- 16 gauge ALUMINIZED STEEL
- Smooth, mandrel-bent
- Slotted inlet end

Size	Part#	Height	Per Case
1-1/2"	82112*	11"	6
1-3/4"	82134*	11"	6
1-7/8"	82178*	11"	6
2"	82200*	11"	6
2-1/8"	82218*	11"	6
2-1/4"	82214*	11"	6
2-1/2"	93250	12"	N/A
3"	93300	13"	N/A
4"	93400	16"	N/A
5"	93500	16"	N/A

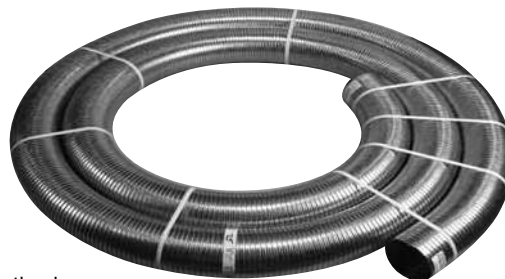
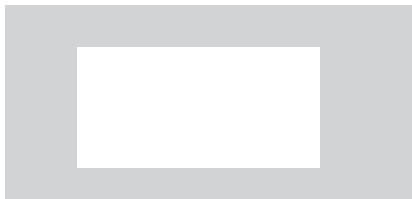
\*=compression-bent / 6 per box



# FLEX TUBING – *Our Specialty!*

**FLEXATUBE** is a MAJOR manufacturer of PREMIUM QUALITY steel exhaust flex tubing for Automotive & Heavy-Duty Truck applications. The product is also used for industrial and mining ventilation ducting, agricultural applications, etc. It is available in a wide variety of diameters (up to 10" ID), materials, and thickness. If you need special cut lengths or diameters not shown on the following pages, consult our factory, we can accommodate most of your needs easily. Here at **FLEXATUBE**, we pride ourselves in producing some of the finest steel flex tubing made anywhere!

Plasma-Cutting fuses layers of flex together to prevent unraveling and eliminates sharp edges. All Flexatube ends are cut this way.



Flex Tubing is cut to length when FULLY EXTENDED and will compress during handling.

Flexatube produces a tight interlocked construction. Leak-resistant & strong!

## Steel Flex Tubing Thickness Guidelines:

### LIGHTWEIGHT - .010" – .012"

Lighter than conventional HD truck exhaust flex, yet when you inspect and handle it, it seems only slightly lighter than normal. Excellent exhaust performance in warm climates, and when used in various industrial & agricultural applications. *Available in galvanized, nickel plated, and 409 stainless.*

### STANDARD WEIGHT (Heavyweight in Stainless) - .018" – .020"

This is Flexatube's standard thickness, and is generally recognized as the industry standard flex weight. Some suppliers though, will use lighter flex as their "standard". *Available in galvanized, aluminized, 400 and 300 series stainless.*

### HEAVYWEIGHT - .023" – .025"

Very tough flex tubing which offers longer life and better sound attenuation. *Available in galvanized and aluminized.*

### EXTRA HEAVYWEIGHT - .028" – .030"

Flexatube offers this – the heaviest flex in the industry! Super durable and extra noise control – this is serious flex tubing! *Available in galvanized.*

## E-Z use "Corrosion Rating" system:

**STANDARD** – Galvanized carries this rating, moderate corrosion protection

**BETTER** – Aluminized steel, longer service life than galvanized – a better corrosion barrier

**EXCELLENT** – 400 series stainless, minimal corrosion – some rust stain – retains flexibility

**BEST** – 300 series non-magnetic stainless, will not corrode, rust, or lose flexibility

# FLEX TUBING – *Precut Flex Sections*



Have us build your flex with **Wire Packing (WP)** for a more leak resistant construction!  
(Consult factory for details)

## Precut Flex Sections – *Galvanized*

We are a leading manufacturer of premium quality flex tubing!

**STANDARD**  
Corrosion Rating



Available individually  
boxed or bulk container

**STANDARD**  
Corrosion Rating

### Standard Duty (.018 – .020) Galvanized

Dia. (ID)	Length	Boxed	Bulk
3"	12"	32300	32300B
3"	18"	38300	38300B
3"	24"	34300	34300B
3"	36"	36300	36300B
3-1/2"	12"	32350	32350B
3-1/2"	18"	38350	38350B
3-1/2"	24"	34350	34350B
3-1/2"	36"	36350	36350B
4"	12"	32400	32400B
4"	18"	38400	38400B
4"	24"	34400	34400B
4"	36"	36400	36400B
5"	12"	32500	32500B
5"	18"	38500	38500B
5"	24"	34500	34500B
5"	36"	36500	36500B

### Medium HD (.023 – .025) Galvanized

Dia. (ID)	Length	Boxed	Bulk
3"	12"	31300	31300B
3"	18"	33300	33300B
3"	24"	35300	35300B
3"	36"	39300	39300B
3-1/2"	12"	31350	31350B
3-1/2"	18"	33350	33350B
3-1/2"	24"	35350	35350B
3-1/2"	36"	39350	39350B
4"	12"	31400	31400B
4"	18"	33400	33400B
4"	24"	35400	35400B
4"	36"	39400	39400B
5"	12"	31500	31500B
5"	18"	33500	33500B
5"	24"	35500	35500B
5"	36"	39500	39500B

*Need special custom-length precuts?*  
*No problem – give us the specs!*

**HIGH QUALITY EXHAUST PARTS** by Flexatube



# FLEX TUBING – *Precut Flex Sections*

Have us build your flex with **Wire Packing (WP)** for a more leak resistant construction!  
(Consult factory for details)

## Precut Flex Sections – *Stainless*

Two grades:  
• 409 (magnetic)  
• 304 (non-magnetic)  
304 is PREMIUM grade



**EXCELLENT**  
Corrosion Rating

### HD (.016 – .018) Series 400 stainless

Dia. (ID)	Length	Boxed	Bulk
3"	12"	41300	41300B
3"	18"	43300	43300B
3"	24"	45300	45300B
3"	36"	47300	47300B
3-1/2"	12"	41350	41350B
3-1/2"	18"	43350	43350B
3-1/2"	24"	45350	45350B
3-1/2"	36"	47350	47350B
4"	12"	41400	41400B
4"	18"	43400	43400B
4"	24"	45400	45400B
4"	36"	47400	47400B
5"	12"	41500	41500B
5"	18"	43500	43500B
5"	24"	45500	45500B
5"	36"	47500	47500B



**BEST**  
Corrosion Rating

### HD (.016 – .018) Series 300 stainless

Dia. (ID)	Length	Boxed	Bulk
3"	12"	42300	42300B
3"	18"	48300	48300B
3"	24"	44300	44300B
3"	36"	46300	46300B
3-1/2"	12"	42350	42350B
3-1/2"	18"	48350	48350B
3-1/2"	24"	44350	44350B
3-1/2"	36"	46350	46350B
4"	12"	42400	42400B
4"	18"	48400	48400B
4"	24"	44400	44400B
4"	36"	46400	46400B
5"	12"	42500	42500B
5"	18"	48500	48500B
5"	24"	44500	44500B
5"	36"	46500	46500B

*Need special custom-length precuts?*  
*No problem – give us the specs!*

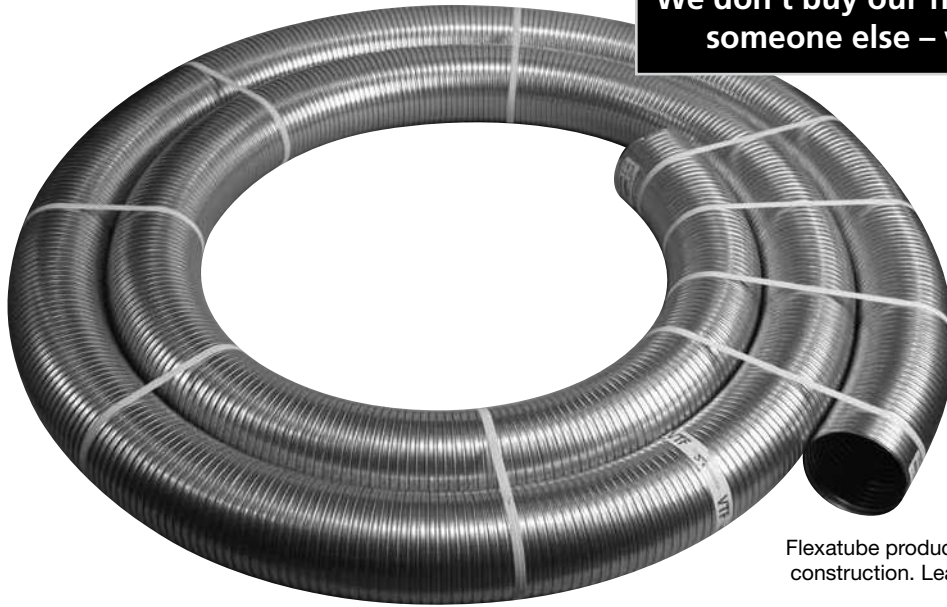
# FLEX TUBING – *Flex Coils*



Have us build your flex with **Wire Packing (WP)** for a more leak resistant construction!  
(Consult factory for details)

**25 Foot Flex Coils – Galvanized**  
*Also available in 4', 6', 8' & 10' lengths*

**We don't buy our flex tubing from  
someone else – we make it!**



Flexatube produces a tight interlocked construction. Leak-resistant & strong!

**STANDARD**  
Corrosion Rating

(.010 - .012")

(.018 - .020")

(.023 - .025")

DIA. (ID)	Lightweight	Std. Weight	Heavyweight
1"	01100	10100	-
1-1/4"	01125	10125	-
1-1/2"	01150	10150	-
1-3/4"	01175	10175	-
1-7/8"	01187	-	-
2"	01200	10200	20200
2-1/4"	01225	10225	20225
2-1/2"	01250	10250	20250
2-3/4"	01275	10275	20275
3"	01300	10300	20300
3-1/2"	01350	10350	20350
4"	01400	10400	20400
4-1/2"	01450	10450	20450
5"	01500	10500	20500
6"	01600	10600	20600
7"	01700	10700	20700

**HIGH QUALITY EXHAUST PARTS by Flexatube**

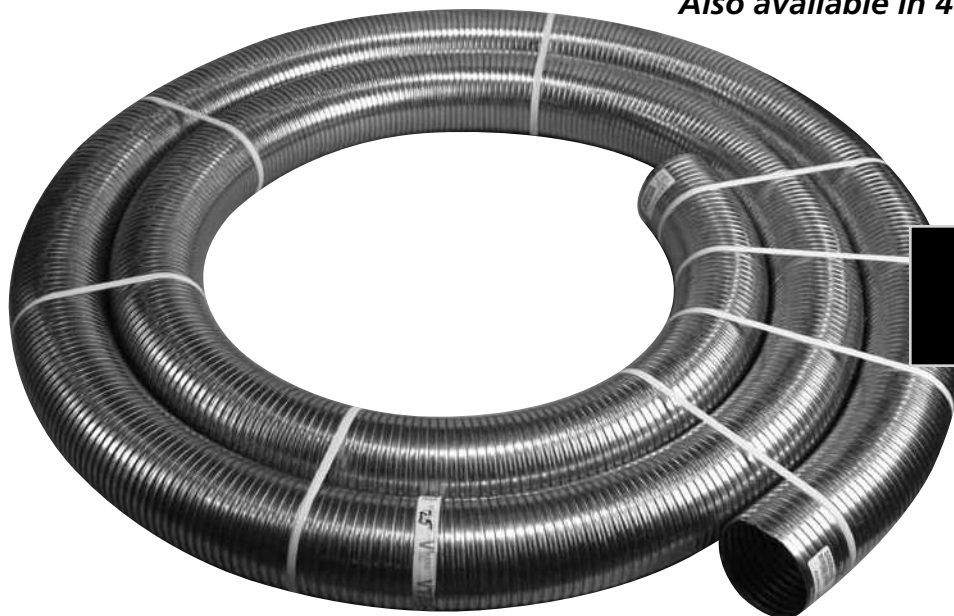


## FLEX TUBING – *Flex Coils*

Have us build your flex with **Wire Packing (WP)** for a more leak resistant construction!  
(Consult factory for details)

### 25 Foot Flex Coils – *Stainless 300*

*Also available in 4', 6', 8' & 10' lengths*



**No rust – the  
GOOD stuff!**

The scoop on 300 series stainless. Constructed of grade 304 (PREMIUM GRADE), it is our FINEST grade of flex tubing! 304 SS Flex is bright when new and tends to remain bright. 304 stainless is NON-MAGNETIC, contains 18-20% chromium, plus 8-10-1/2% nickel, with not more than .08% carbon. EXCELLENT properties at all operating temperatures. THE ULTIMATE RUST FIGHTER!

(.016 - .018")

**BEST**  
Corrosion Rating

Diameter (ID)	HD 300 SS
2"	50200
2-1/4"	50225
2-1/2"	50250
2-3/4"	50275
3"	50300
3-1/2"	50350
4"	50400
4-1/2"	50450
5"	50500
6"	50600
7"	50700

**We don't buy our flex tubing from  
someone else – we make it!**

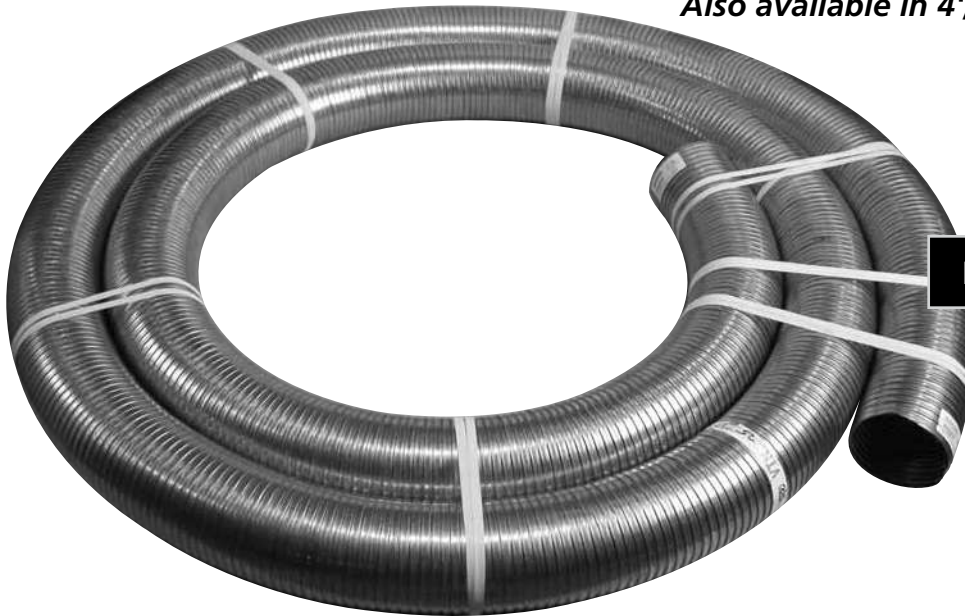
# FLEX TUBING – *Flex Coils*



Have us build your flex with **Wire Packing (WP)** for a more leak resistant construction!  
(Consult factory for details)

## 25 Foot Flex Coils – *Stainless 400*

*Also available in 4', 6', 8' & 10' lengths*



**Rust Fighter!**

**The scoop on 400 series stainless.** Constructed of grade 430 (a lower grade than 300 series), 430 is a true stainless steel. It has SUPERIOR corrosion resistance vs. galvanized or aluminized steel. 430 SS Flex is bright when new, and over time will stain. Does not have a tendency to get heavy, scaly corrosion. It is magnetic, contains 12-18% chromium, & has a slight carbon content (less than 0.2%). Very tolerant to high temperatures. A real RUST FIGHTER that is less expensive than premium stainless.

(.016 - .018")

**EXCELLENT**  
Corrosion Rating

DIA. (ID)	HD 400 SS
2"	60200
2-1/4"	60225
2-1/2"	60250
2-3/4"	60275
3"	60300
3-1/2"	60350
4"	60400
4-1/2"	60450
5"	60500
6"	60600
7"	60700

**HIGH QUALITY EXHAUST PARTS by Flexatube**



## Flexible Tube Cutting and Installation

### **\*CAUTION\***

Flexible interlocked tubing can unravel and twist when cut, also it's diameter can change making its installation extremely difficult. Flexible tubing is made to maintain its flexibility to provide maximum usefulness and is not wound tightly during its manufacturing. Precautionary methods should be followed by the below cutting guidelines:

### **CUTTING INSTRUCTIONS**

1. **Preparation:** Put a tack weld between the convolutions on each side of the area to be cut, this will keep the ends from unraveling or twisting. When a welder is not used, insert a back up pipe or mandrel inside the tubing and use a punch to mark directly onto the convolutions on each side of the area being cut.
2. **Cutting:** Use a vise to hold the tubing securely. Cut with a hacksaw with a blade with 32 teeth per inch or a metal cutting band saw.
2. **Deburring:** Completely deburr both cut surfaces either with a drum sander or by filing.

### **INSTALLATION INSTRUCTIONS**

The function of flexible tubing is to prevent excessive stresses on exhaust system components. Flexible tubing absorbs vibration and thermal expansion that could cause the exhaust systems components to break or shake loose.

Flexible tubing should be installed in a half extended state for retaining its flexibility. To meet this need, place the middle of the tube over an edge of a work bench, pushing down on both halves and bend as far as possible.

After extending, place the whole piece of tubing on a work bench and push the end down until the tubing is completely straightened. The tubing will now be at half extension.

**FLEXIBLE PROVIDES THE ANSWER WITH PROPERLY PRE-CUT AND EXTENDED FLEXIBLE INTERLOCKED TUBING IN VARIOUS PRE-CUT, EXTENDED LENGTHS.**

## Stack Pipes – *Chrome & Aluminized*

All stacks feature:

- 16 gauge steel
- Slotted inlet end on ID stacks
- Individually boxed & labeled



Quality  
double-nickel chrome  
(Not flash chrome)

'Flex-chrome' popular curved stacks

'Flex-chrome' stacks:

- Curved, mitre, & straight-cut stacks
- Popular lengths in 4" & 5" diameters
- Quality double-nickel chrome plated



Aluminized steel stacks:

- Curved, mitre, straight-cut, & long-curved
- Popular lengths in 4" & 5" diameters
- Aluminized for corrosion resistance



# STACK PIPES

## 4" & 5" ID Stack Pipes

Chrome & Aluminized Steel - 16 gauge - Mandrel-bent

### Popular Curved

Size	Length	Aluminized	Chrome
4"	16"	93400	-
4"	18"	-	77416
4"	36"	94436	-
4"	48"	94448	-
4"	60"	94460	-
4"	72"	94472	77472
4"	84"	-	77484
4"	96"	-	77496
5"	16"	93500	-
5"	18"	-	77518
5"	36"	94536	-
5"	48"	94548	-
5"	60"	94560	-
5"	72"	94572	77572
5"	84"	-	77584
5"	96"	-	77596
5"	108"	-	77508
6"	18"	-	77618
6"	36"	-	77636
6"	60"	-	77660
6"	96"	-	77696
6"	108"	-	776108

### Long-Curved

Size	Length	Aluminized	Chrome
4"	36"	94436LC	-
4"	48"	94448LC	-
4"	60"	94460LC	-
4"	72"	94472LC	-
5"	36"	94536LC	-
5"	48"	94548LC	-
5"	60"	94560LC	-
5"	72"	94572LC	-

### 45° Mitre-Cut

Size	Length	Aluminized	Chrome
4"	18"	-	77416AC
4"	36"	94436AC	-
4"	48"	94448AC	-
4"	60"	94460AC	-
4"	72"	94472AC	77472AC
4"	84"	-	77484AC
4"	96"	-	77496AC
5"	18"	-	77518AC
5"	36"	94536AC	-
5"	48"	94548AC	-
5"	60"	94560AC	-
5"	72"	94572AC	77572AC
5"	84"	-	77572AC
5"	96"	-	77596AC
5"	108"	-	77508AC

### Straight-Cut

Size	Length	Aluminized	Chrome
4"	18"	-	77416SC
4"	36"	94436SC	-
4"	48"	94448SC	-
4"	60"	94460SC	-
4"	72"	94472SC	77472SC
4"	84"	-	77484SC
4"	96"	-	77496SC
5"	18"	-	77518SC
5"	36"	94536SC	-
5"	48"	94548SC	-
5"	60"	94560SC	-
5"	72"	94572SC	77572SC
5"	84"	-	77584SC
5"	96"	-	77596SC
5"	108"	-	77508SC

## 4" & 5" OD Stack Pipes Chrome & Aluminized Steel - 16 gauge - Mandrel-bent

### Popular Curved

Size	Length	Aluminized	Chrome
4"	16"	93401	-
4"	24"	-	78424
4"	36"	95436	78436
4"	48"	95448	78448
4"	60"	95460	78460
4"	72"	95472	-
5"	16"	93501	-
5"	18"	-	78518
5"	24"	-	78524
5"	36"	95536	78536
5"	48"	95548	78548
5"	60"	95560	78560
5"	72"	95572	-

### 45° Mitre-Cut

Size	Length	Aluminized	Chrome
4"	24"	-	78424AC
4"	36"	95436AC	78436AC
4"	48"	95448AC	78448AC
4"	60"	95460AC	78460AC
4"	72"	95472AC	-
5"	18"	-	78518AC
5"	24"	-	78524AC
5"	36"	95536AC	78536AC
5"	48"	95548AC	78548AC
5"	60"	95560AC	78560AC
5"	72"	95572AC	-

### Straight-Cut

Size	Length	Aluminized	Chrome
4"	24"	-	77424SC
4"	36"	95436SC	78436SC
4"	48"	95448SC	78448SC
4"	60"	95460SC	78460SC
4"	72"	95472SC	-
5"	18"	-	78518SC
5"	24"	-	78524SC
5"	36"	95536SC	78536SC
5"	48"	95548SC	78548SC
5"	60"	95560SC	78560SC
5"	72"	94572SC	-

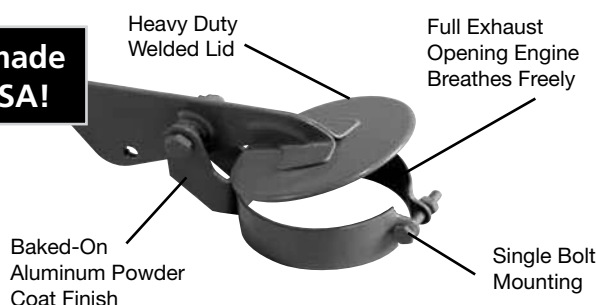
### Log-Curved

Size	Length	Aluminized	Chrome
4"	36"	95436LC	-
4"	48"	95448LC	-
4"	60"	95460LC	-
4"	72"	95472LC	-
5"	36"	95536LC	-
5"	48"	95548LC	-
5"	60"	95560LC	-
5"	72"	95572LC	-
6"	24"	-	78624
6"	36"	-	78636
6"	48"	-	78648
6"	72"	-	78672
6"	84"	-	78684

### Rain Caps

Size	Part#	Per Case
2"	70200	6
2-1/4"	70225	6
2-1/2"	70250	6
3"	70300	6
3-1/2"	70350	6
4"	70400	6
5"	70500	6
6"	70600	6

**Quality made  
in the USA!**



## Mufflers

The often requested popular style 1 mufflers are now available through **FLEXATUBE**. Sturdy construction, aluminized for corrosion resistance, & providing good sound control & backpressure ratings, these mufflers make it easier to fill the bill when it comes to buying your HD exhaust from **FLEXATUBE**. COMPETITIVELY PRICED!



### Features:

- 44" long shells
- 4" ID in / 5" ID out – 9" diameter body
- 5" ID in / 5" ID out – 10" diameter body
- **Aluminized Steel Construction**
- Individually boxed

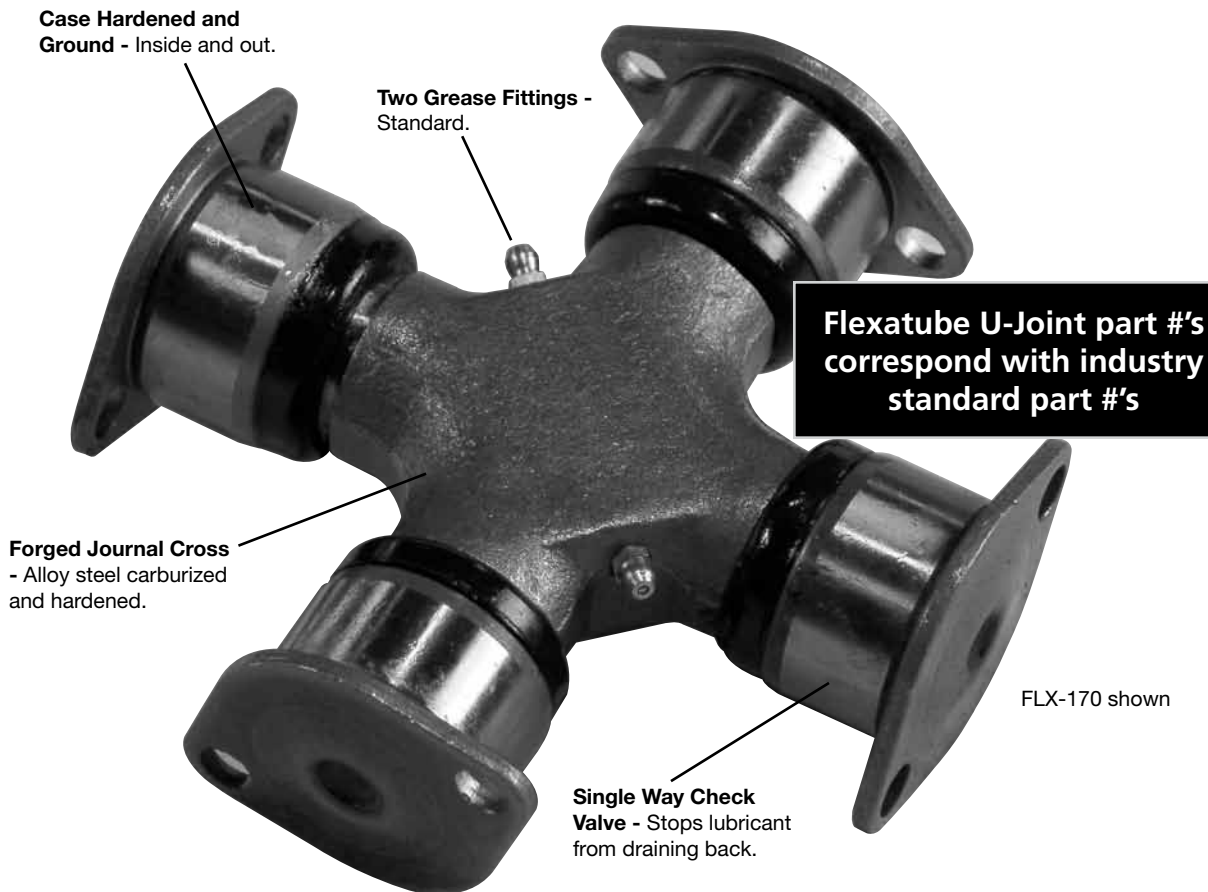
- Available individually or by the pallet (16 mufflers per pallet)

Part#	Inlet (ID)	Outlet (ID)	Shell/OA/DIA
FLX-449M	4"	4"	44" / 51" / 9"
<b>FLX-459M</b>	4"	5"	44" / 51" / 10"
FLX-459MP	-	-	(Pallet Qty.)
<b>FLX-5510M</b>	5"	5"	44" / 51" / 10"
FLX-5510MP	-	-	(Pallet Qty.)

## Popular HD Universal Joints

**FLEXATUBE** U-Joints rival the quality, performance, & construction of premium brands, at an economy price. They surpass the quality of other economy priced competitors. If you are **SERIOUS** about **QUALITY** U-Joints & offer alternative lines, you **MUST** try our U-Joints!

HD Q1 U-Joints Features:



- Quality built to OEM standards
- Our Q1 U-Joint kits are the finest manufactured for the aftermarket
- Our manufacturing facilities have been used & approved by every major OEM manufacturer of driveline components



# UNIVERSAL JOINTS

## Heavy Duty Q1 Universal Joint Kits

HD – 2 welded plate / 2 grooved bearings

U-Joints include hardware kits  
(also sold separately)

Part#	Per Case
FLX-469	8

HD – 2 welded plate / 2 plain bearings

Part#	Per Case
FLX-438	8
FLX-510	8
FLX-515	8

HD – 4 welded plate bearings

Part#	Per Case
FLX-279	8
FLX-280	8
FLX-281	8
FLX-407	8

- Galvanized steel lock plates
- Hardware kits can be individually ordered
- Individually boxed with hardware made in the U.S.A.

### Hardware Kits

Part#	For U-Joints	Per Case
5872K	FLX-279	100
5873K	FLX-438	100
6181K	469, 510, 515	100
6910K	280, 281, 407	100

## Popular PTO & Steering Universal Joints

PTO U-Joints – 4 plain bearings

Part#	Per Case
FLX-153/121	10
FLX-155	6
FLX-188	6

Steering – 4 grooved bearings

Part#	Per Case
FLX-170	20

## Wiper Control

98 Series wiper control. All part numbers available.



A100611



## Next Generation Solenoid

State of the art next generation solenoid.  
More styles and part numbers available.



A503011  
A503021



## Replaces Horton #4806

11 - 16 volts.  
More styles and part numbers available.



A50231



## Replaces Navistar #1689785C91

12 volts, 1/8-27.  
More styles and part numbers available.



A50251



### Rapid Dump Suspension Valve



A pilot operated valve designed to rapidly exhaust air from air bag suspension systems. Zinc die-cast body with 1/8" air ports and 1/4" mounting holes. Replaces Bendix TR-3 or SV-1 or other OEM applications.

### Air and Electric Three Way Toggle Valve/Switch



OEM plastic toggle valves with three-way function for many different applications of air and air/electric devices, to include lift axles, differential locks and fifth wheel sliders.

Designed for pneumatic switching and electrical connections to provide indicator light power and air control. Valves have integral 1/4" push-to-connect fittings with 150 psi maximum operating pressure. Handles include paddle, bat or blade to match other dash switches.

**Switch Off Position:**

No Air Flow, electrical switch open (off)

**Switch On Position:**

Air flows through valve, electrical switch closed (on)

**Pressure Switch:**

Open (off) below 10 psi, Closed (on) above 35 psi

**Amperage:** 5 amp max @ 12vdc

**Terminal Size:** 1/4" blade terminal

Part #	Description	Toggle Style	Vehicle Application
A1001	Air/Electric Toggle Switch	Paddle	Kenworth/Volvo
A1002	Air/Electric Toggle Switch	Blade	Mack
A1003	Air/Electric Toggle Switch	Bat	Peterbuilt
A1004	Air Toggle Switch	Paddle	Kenworth/Volvo
A1005	Air Toggle Switch	Blade	Mack

Note: Valves listed above are universal and are listed as OEM replacement applications.

## Air and Electric Three Way Toggle Valve/Switch

OEM plastic toggle valves provide three-way control for many air and air/electric applications to include lift axles, differential locks and fifth wheel sliders. Designed for pneumatic switching and electrical connections to provide indicator light power and air control. Valves have integral 1/4" push-to-connect fittings with 150 psi maximum operation pressure. Handles are chrome plated steel bat type.



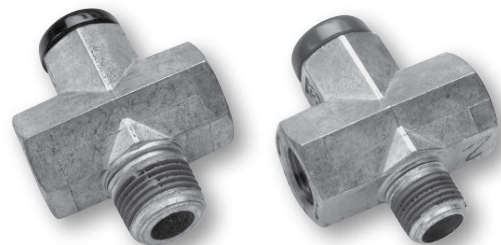
**Switch Off Position:** No Air Flow, electrical switch open (off)  
**Switch On Position:** Air flows through valve, electrical switch closed (on)  
**Pressure Switch:** Open (off) below 10 psi, Closed (on) above 35psi  
**Amperage:** 5 amp max @ 12vdc  
**Terminal Size:** 1/4" blade terminal

Part #	Description	Lever Position	Vehicle Application
A1006	Air/Electric Flipper Valve	Right-Off	Freightliner
A1007	Air/Electric Flipper Valve	Right-Off	Navistar
A1008	Air/Electric Flipper Valve	Left-Off	Navistar
A1009	Air Flipper Valve	Right-Off	Freightliner
A1010	Air Flipper Valve	Right-Off	Navistar

Note: Valves listed above are universal and are listed as OEM replacement applications.

## Pressure Protection Valves

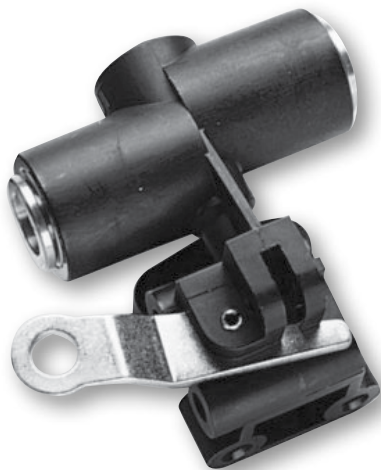
These valves are designed for in-tank mounting on tanks with dual outlet ports, and act to protect the primary air source from a loss of pressure downstream of the tank. Made of die-cast zinc to OEM specs and are available in a variety of opening/closing pressure combinations for most truck requirements.



Part #	Inlet Ports	Outlet Ports	Opening Pressure	Closing Pressure	Application
A1011	3/8"NPTF	3/8"NPTF	55 psi	45 psi	Freightliner
A1012	3/8"NPTF	3/8"NPTF	85 psi	67 psi	Ford
A1013	1/2"NPTF	3/8"NPTF	55 psi	45 psi	Freightliner
A1014	1/2"NPTF	3/8"NPTF	85 psi	67 psi	Freightliner
A1015	1/2"NPTF	1/4"NPTF	65 psi	55 psi	Peterbuilt
A1016	1/2"NPTF	1/4"NPTF	100 psi	70 psi	Kenworth

Note: Valves listed above are universal and are listed as OEM placement applications.

### Air Horn Actuator Valves

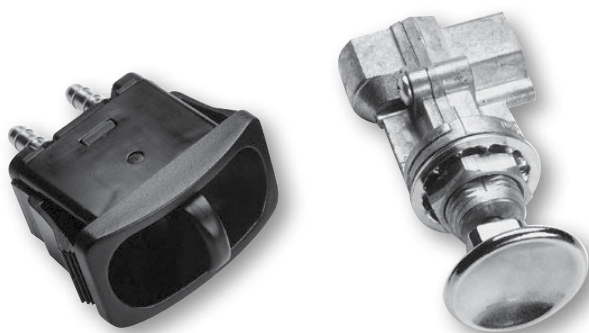


These valves are direct replacement for units found on many current and older trucks. They can be used to replace valves from other air horn manufacturers. Push-to-connect air line fittings for easy replacement.

Part #	Description	Port/Size	Vehicle Application
A1017	Single Outlet	(3) 1/4"	Kenworth
A1018	Dual Outlet	(3) 1/4"	Kenworth
A1019	Dual Outlet	(3) 1/4" (1) 3/8"	Freightliner
A1020	Single Outlet	(3) 1/4" (1) 3/8"	Freightliner
A1021	Medium Duty	(2) 3/8"	Navistar
A1022	Conventional	(2) 3/8"	Navistar
A1023	Cabover	(2) 3/8"	Navistar

Note: Valves listed above are universal and are listed as OEM replacement applications.

### Air Seat Height and Lumbar Controls



Air valves that control seat height and lumbar support settings. Height valves are in push-pull configuration and lumbar valves are paddle type. Electro-pneumatic height valve available for vehicles without air systems, that have air ride seating. Valves are usually universal and are suitable for a variety of seating manufacturers.

Part #	Description	Port Size
A1024	End and Side ported w/removable chrome knob	(2) 1/8" FPT
A1025	End ported w/removable knob/elec. blade terminals	(2) 1/8" FPT
A1026	Electro-pneumatic w/removable knob/elec. blade terminals	(1) 1/8" FPT
A1027	Paddle type snap in mounting	(1) 1/8" FPT
A1028	Paddle type snap in mounting	(2) 3/16" Barbs

Note: Valves listed above are universal and are listed as OEM replacement applications.

## In-Line Quick Release Valves

Speeds up release of trailer service brakes when installed on service side gladhand. Speeds up application of the trailer brakes when installed on emergency side gladhand. Made from durable zinc diecast bodies. 1/2"-14 MPT male 1/2" FPT female.



Part #	Description
A1029	Mounts between tractor protection valve and air lines Tractor side-male thread; Trailer side-female thread
A1030	Mounts at tractor gladhand Tractor-side-female thread; Trailer side-male thread

## HQ LineGuard/Breakaway Fuel Valves

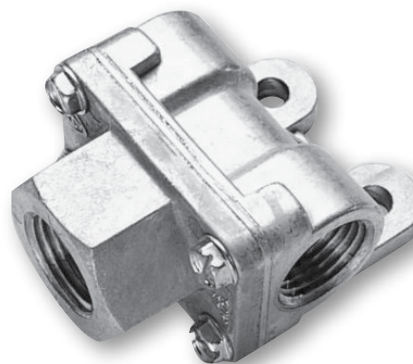
LineGuard Breakaway valves are retrofit devices for vehicles with crossover lines. The valves separate in the event of an impact, reducing the risk of fire, fuel slicks and fuel loss by sealing off the tank and line.



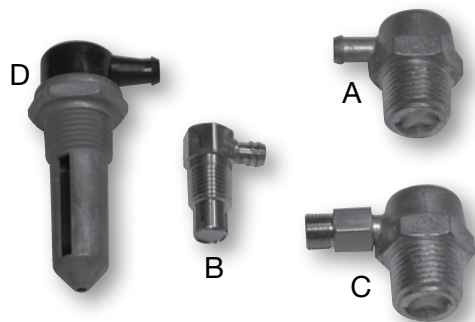
Part #	Description
F2004	3 1/8" Length; 1 1/4" Diameter 1 1/8" Hex; Male 7/8" X 14 threads Female 7/8" X 14 threads

## HQ Return Flow Splitters

The Return Flow Splitter is used to evenly distribute return flow of fuel to the fuel tanks, eliminating the need for a crossover line.



Part #	Description
F2003	(3) 1/2" FPT Ports (2) 1/4" Mounting Holes



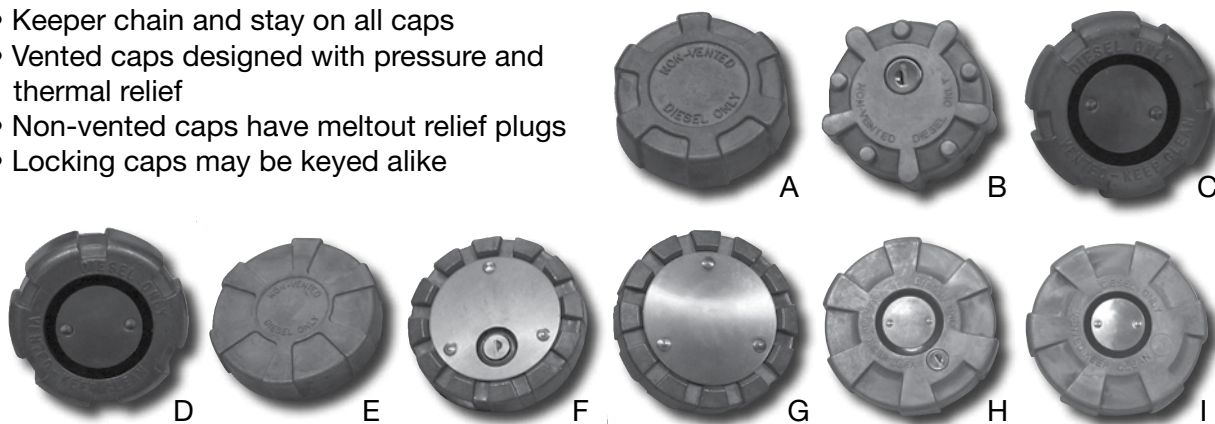
## Fuel Tank Vents

- Meets DOT applicable requirements
- Fits OEM applications
- Patented anti-spill protection

Part #	Thread Size	Barb Size	Fuel Type	Photo
F2000	1/2 x 14 PTF	5/16	Diesel	A
F2001	1/4 x 18 PTF	1/4	Diesel	B
F2017	1/2 x 14 PTF	5/16	Diesel	C
F2018	1/2 x 18 PTF	5/16	Diesel	D

## Aluminum Fuel Caps

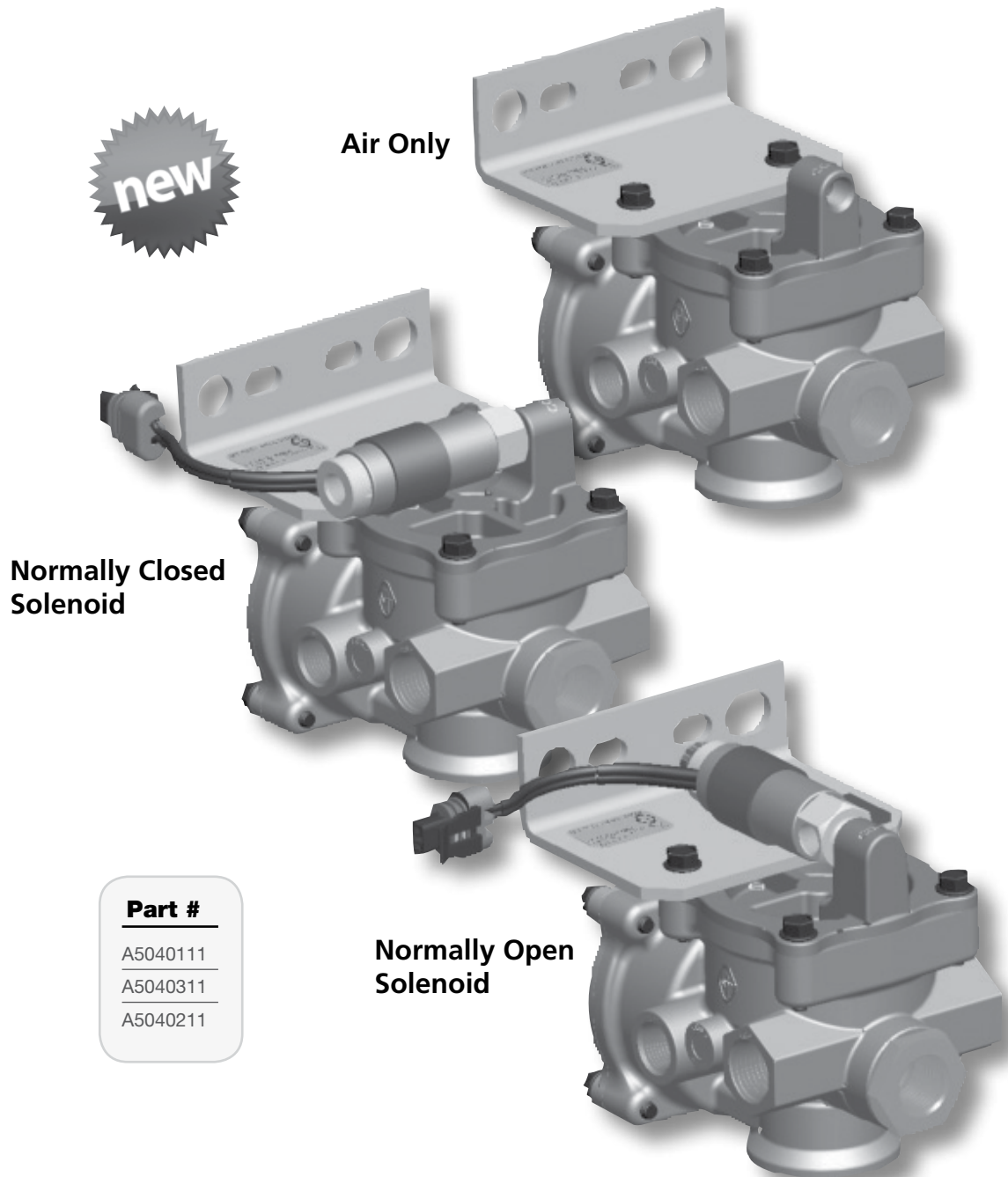
- Keeper chain and stay on all caps
- Vented caps designed with pressure and thermal relief
- Non-vented caps have meltout relief plugs
- Locking caps may be keyed alike



Part #	Size	Thread/Inch	Venting	Locking	Photo	Chain(In)
F2006	3"	8 NPLS Straight	X	O	G	12
F2007	2.5"	8 UN X	X	O	D	12
F2008	4"	8 NPSM	X	O	I	12
F2009	2"	11.5 NPSM	X	O	C	12
F2010	4"	8 NPSM	X	X	H	12
F2013	2"	11.5 Straight	O	O	A	10
F2014	2"	11.5 Straight	O	X	B	9.5
F2015	3"	8 NPLS	O	O	E	10
F2016 (chrome)	2"	11.5 NPSM	X	O	C	12
F2019	3"	8 NPLS Straight	X	X	F	12

## Lift Axle Control Module Air Line Connections

The GT Lift Axle Control Module controls airflow to and from the Lift and Load (Ride) bags of an auxiliary axle. There are three main valve types:



Whether you are running Michigan Straight Eight Axles with Double Push and double tag Axles. Canadian "B" Trains, Garbage trucks, Concrete Trucks with Lift on Reverse axle systems with self centering steering mechanism. Where speed and response are critical, they all work better, faster and more reliably with HQ's Revolutionary Lift Axle Control Module Actuation Valve. Proven, time tested Valve technology that eliminates all the problems associated with Old Fashioned Spool Valves.

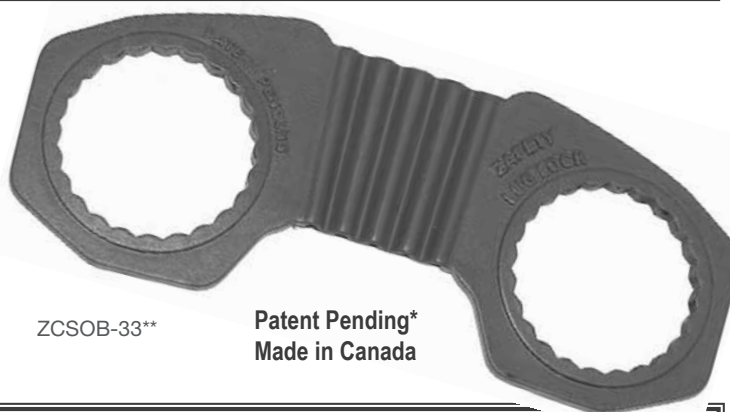
**new**

## Zafety Lug Lock®\*

**Prevent wheel loss by securing your lug nuts to each other.**

*Zafety Lug Lock® creates resistance between two nuts to minimize their ability to rotate*

The potential for wheel loss continues to be a significant safety concern for the transportation industry



## Zafety Lug Lock®\*

### Background Information:

- Fast and easy to install/remove – flexible, simply fits over two adjacent nuts
- Lug nuts can be re-torqued without removing the Zafety Lug Lock®
- Design engineered plastic formulated to withstand extreme changes in temperature
- Laboratory tested in severe vibration conditions from -400C to +500C (-400F to +1220F)  
- High temperature units also available (*useable up to 2320C (4500F) (recommended for vehicles that brake frequently e.g. city transit buses, waste collection trucks etc.)*)
- Field tested at high and low rotation speeds
- Sizes available\*\* - 30, 32, 33 mm & 38 mm nuts on 3 1/2 inch stud centres  
- 30, 33 & 38 mm nuts on 4 1/8 inch stud centres  
- 22 & 25 mm nuts on 2 1/2 inch stud centres
- 2-year Limited Manufacturers Defect Warranty
- Available in custom colours

### Benefits:

- Provides a clear visual check in all weather and light conditions
- Reduces the risk of potential wheel loss  
(*Protecting the public and avoiding owner or third party personal, vehicle, property & load damage, lost time & costly towing, road call fees & wheel repairs*)
- Inexpensive, reusable and recyclable

Note: The installation of Zafety Lug Lock® does not exclude the need for standard safety & maintenance procedures.

**\*Zafety Lug Lock® is a Registered Trademark and Patent Pending of Tafcan Consulting Limited**

For more information

and ordering please call toll free: **800-878-1385 ext 308**

\*\*See Price Sheet for additional part numbers