



## FLEXIBLE PIPES AND BELLows



## Flexible Pipes And Bellows

Our Flexible Pipes & Bellows page show cases our expertise in providing high-quality solutions for flexible exhaust systems. At Invicta, we understand the critical role that flexible pipes and bellows play in ensuring the optimal performance and longevity of exhaust systems across various industries.

With a focus on innovation, reliability, and durability, we offer a comprehensive range of flexible pipes and bellows designed to meet the rigorous demands of modern exhaust applications. Whether it's mitigating vibration, accommodating thermal expansion, or providing flexibility in complex exhaust layouts, our products are engineered to deliver exceptional performance and reliability.

Backed by years of experience and a team of skilled professionals, we pride ourselves on our ability to deliver customized solutions tailored to meet our clients' specific needs. From standard sizes to bespoke designs, we work closely with our customers to develop flexible pipes and bellows that meet the highest standards of quality and performance.

Explore our range of flexible pipes and bellows and discover why Invicta is the preferred choice for reliable, high-quality exhaust solutions. Partner with us and experience the difference expertise makes.





## Exhaust Bellows

Invicta Exhaust Systems and Emission Technology offers a diverse range of bellows designed to provide flexibility and durability in exhaust systems. Our bellows are engineered to absorb thermal expansion, vibration, and movement, ensuring optimal performance and longevity of exhaust systems in various applications.

With a focus on quality and precision engineering, our bellows are manufactured using high-grade materials and advanced manufacturing techniques. Whether it's for automotive, industrial, or aerospace applications, our bellows are designed to meet the most demanding requirements and specifications.



## Flexible Pipes

At Invicta Exhaust Systems and Emission Technology, we offer a comprehensive selection of flexible pipes designed to provide flexibility and versatility in exhaust systems. Our flexible pipes are engineered to accommodate thermal expansion, vibration, and movement, ensuring optimal performance and longevity in diverse applications.

Crafted from premium-quality materials and manufactured to the highest standards, our flexible pipes are built to withstand the rigors of everyday use. Whether you need standard sizes or custom configurations, our team of experts can design and manufacture flexible pipes to meet your specific requirements.



## Expansion Joints

Invicta Exhaust Systems and Emission Technology offers a range of bellow flex solutions designed to provide flexibility and durability in exhaust systems. Our bellow flex products are engineered to absorb thermal expansion, vibration, and movement, ensuring optimal performance and longevity in demanding applications.

With a focus on quality and innovation, our bellow flex solutions are manufactured using advanced materials and precision engineering techniques. Whether it's for automotive, marine, or industrial applications, our bellow flex products are designed to meet the most stringent requirements and specifications.

## Fluid Connectors for Extremes

Invicta is a multi-skilled technical organization established in 1974 by Mr. Gopal Chopra and is one of pioneers on manufacturing a wide variety of hose assemblies for extreme industrial applications.

The factory is located in Faridabad, the industrial hub of Haryana, and is well equipped with all the facilities to provide high quality flexibles hoses, bellows; complete with end fittings.

We at Invicta manufacture and supply assemblies for fluid transmission (air, water, oil, gases, chemicals) at extreme temperatures and pressures complete with end fittings and assemblies for various industrial applications, guided by the experience and knowledge gained over the years.

The hose assemblies are used for conveying air, water, oil, steam, black liquor, chlorine, refrigerants like ammonia, Freon, cryogenic fluids like liquid oxygen, liquid nitrogen, liquid argon, acids and chemicals like sulphuric acid, nitric acid, etc. at high pressure & high temperature.



### MISSION

The company is guided by the mission to provide the optimal solution for your fluid transmission problems, following safety rules and the same time cutting the costs.

Our practices are geared towards delivering continuous quality improvement results to our customers on JIT (Just In Time) basis as per the need be.

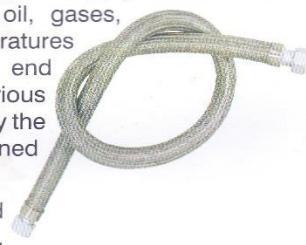
### PRODUCTS

- FLEXIBLES HOSES
- EXPANSION BELLOWS
- END FITTINGS AND CONNECTIONS

For All Industrial Applications

### STAINLESS STEEL HOSES

**S.S. CORRUGATED HOSES**  
These are manufactured in SS-304, SS-321 and SS-316 in all sizes from 6mm N.B to 300 mm N.B with



pressure rating from full vacuum to 200 Kg/cm<sup>2</sup> and temperature range from -269°C to +800°C.

These SS hose assemblies are used in PAPER PLANTS, POWER PLANTS, AUTO COMPANIES, CHEMICAL INDUSTRY, TYRE PLANTS, STEEL PLANTS, PLYWOOD INDUSTRIES, DIESEL ENGINE EXHAUSTS, RESEARCH CENTRES etc.

These are supplied with end fittings/flanges exactly as per customers requirements.

### S.S. JACKETED HOSE ASSEMBLIES

**APPLICATIONS :** This type of assemblies is used when ordinary insulation is not sufficient for certain applications or when specific minimum temperatures are required to convey viscous substances. It consists of two hoses one inside the other, with various cross sectional differences. One of the hose, generally the external one carries a heating or cooling agent. Sometimes it is the other way round. In other cases, the external hose is used as a safeguard.



### S.S. INTERLOCK HOSES

These are helically wound, strip wound hoses with or without packing of asbestos yarn, copper wire etc. Depending upon the application. These are manufactured S-304 and G.I in all sizes from 4mm ID to 300mm ID. These are supplied complete with end fittings/flanges as per the customers requirement. These are also supplied with external PVC extruded cover.

These are used for engine exhaust applications, liquid handling applications, solid handling applications including suction/blower hose and also for covering corrugated type SS hoses and cables/wires for protection against external abuse.

### RUBBER HOSES

#### HYDRAULIC RUBBER HOSE

These are manufactured from oil resistant synthetic rubber with high tensile steel or rayon braided reinforcements in all sizes from 3/16" ID 4" ID and in long lengths. These are used for conveying hydraulic oils, fuel oils, gasoline, air and water etc. at low pressure/medium pressure/high pressure and super high pressure upto 1400 Kg/cm<sup>2</sup>.

These are available in different categories, being R3, R5, 4-SP, 4-SH, 6-SP, R1, R2, R3, R4, R12, R13, R16, R17, R19 etc.

These are supplied with end fittings/connections as per customers requirements.

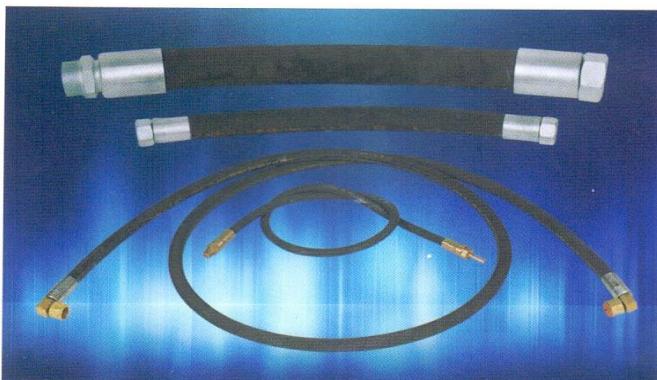
### INDUSTRIAL APPLICATION RUBBER HOSE

#### STEAM HOSE ASSEMBLIES

These are used for conveying steam for hydraulic presses, refineries and related application through flexibles pipes in which steam pressure does not exceed 17.6 Kg/cm<sup>2</sup> (250psi) and temperature does not exceed 230°C.

These are available in all sizes from 3/8" NB to 2" NB. These are supplied with complete end fittings/connections as per customers requirement.





### MINING, DRILLING, LPG & Other Industrial Applications Hoses

We also supply hoses for impulsive high pressure application like excavators, dozers, dumpers, cranes, rock breakers, hydraulic drill rigs & other construction equipment.

Fire, ozone, abrasion resistant hose, hot water pressure cleaning hoses, steam hoses, LPG, CNG hoses, AIR CONDITIONING hoses, agricultural hoses, ROCKDRILL hoses, SEWER jetting hoses, CEMENT RIG hoses, Airo mine hoses, Water blast hoses etc.

Hoses with very low MBR (Minimum Bend Radius) for short assembly length & narrow installation are also available.

Hoses are also available for petroleum based hydraulic fluids, synthetic esters, water-glycol based fluids etc.

### TEFLON HOSE ASSEMBLIES

Teflon Hose assemblies are available in both extruded and corrugated form with Stainless Steel wire overbraid. Asbestos cover is also available. These are available in sizes from 6mm bore to 75mm bore & in long lengths are suitable for temperature range of -73°C to +260°C. They are pressure and vacuum tight and in smaller sizes the permissible operating pressure reaches 400Kg/cm<sup>2</sup>.

These hose assemblies are specially designed for service with chlorine, black liquo, steam, acids, chemicals, hot adhesives, hydraulic fluids etc. and therefore they are suitably used in chemical plants, paper plants, air conditioning, steam conveying lines, tyremoulds, textiles machinery, gas fillings, power houses etc.



### CHEMICAL COMPOSITE HOSE

Chemical resistant composite hoses are made from POLYPROPYLENE, POLYESTER & POLYAMIDE fabrics and film material.

The hose consists of inner wire spiral, upon which layers of fabric & film are wrapped and bound with an external wire spiral.

The tension between each other of the wire spirals gives the hose its

pressure capability. The wire helixes can be galvanized steel, Aluminium, Stainless Steel or polypropylene coated steel.

Varieties of hoses are available for passage of different types of chemicals.

### THERMOPLASTIC HOSE

Thermoplastic hoses are available from 4mm ID to 25mm ID, complete with end connection as per the customers requirements for super high pressure water jetting service, conveying gases, hydraulic oils etc.

### BELLOWS

#### METALLIC EXPANSION BELLOW JOINTS

We provide a wide range of metallic expansion bellows /compensators in order to take the axial, lateral, angular or any combination of the above movements.

These are made from SS 304 & SS 316 for single ply and multi ply construction.

Sizes are available from 15m NB to 1000 NB and length upto 500mm.

#### APPLICATION

Pipelines conveying hot air, steam and exhaust gases in diesel engines.

Nuclear projects, refractories, processing & power plants.



### NON METALLIC BELLOWS

Non metallic expansion joints are flexibles connectors designed to provide stress relief in ducting systems by absorbing movement caused by the thermal changes.

They also act as vibration isolators and shock absorbers.

They are fabricates from a wide variety of non metallic materials including synthetic elastomers, fabrics, insulation materials & fluoroplastics depending on design.

a. Rubber expansion joints - Rectangular, Circular & Square.

b. Fabric expansion joints - Rectangular, Circular & Square .

These can be supplied in circular, square and rectangular shapes with end flanges as per customer requirement.

**FLANGES:** Available as per ASA-150, ASA-300 pound ratings.



## Quick Release Couplings & Cam lock Couplings

These are devices which permits easy, immediate connections and separation of fluid and pneumatic lines. Upto 8" ID size in MS/CS/SS-304/SS-316



## Other Miscellaneous Flexible Hoses

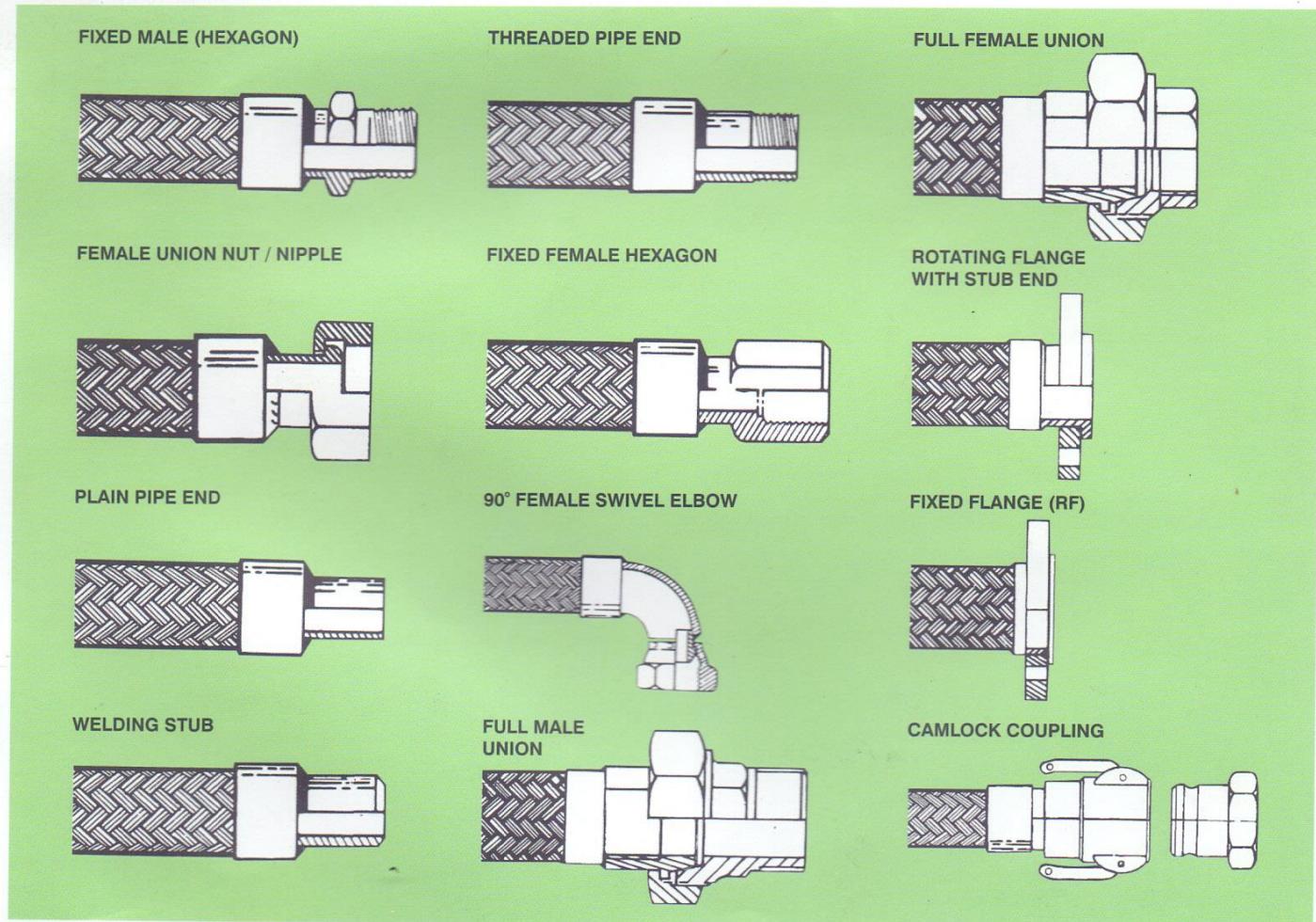
We also supply various other types of hoses complete with End Connections for various industrial applications as given below:-

- Oil Suction & Discharge Hoses from 20 mm NB to 300 mm NB for Loading & Unloading from Tankers as per IS-10733/1983.
- Chemical Transfer Rubber Hoses from 15 mm NB to 300 mm NB as per IS-7654/87 for Concentrated Chemicals and Phosphoric Acid.
- Food Grade Rubber Hoses upto 100 mm NB for Edible Oils & Breweries.
- Pneumatic Tool Hoses upto 50 mm ID as per ISS-446 / 87 Type-2.
- Air/Water Hoses upto 50 mm ID as per ISS-446 / 80 Type-1.
- PVC Hoses upto 50 mm ID in Long Lengths.
- PVC/Vinyl/EPDM Rubber Hoses upto 200 mm ID for Ducting Service.
- Poly Propylene Hoses upto 150 mm NB for various chemicals.

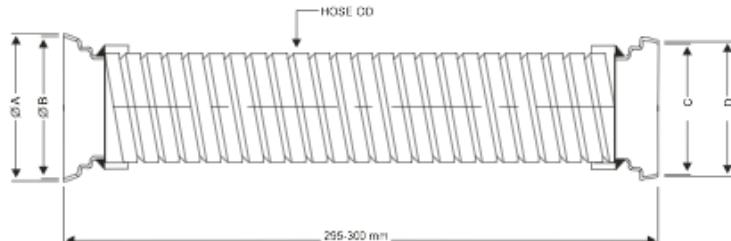
Any Other type of Flexible Hose for any industrial application.

## End Fitting and Connection Range

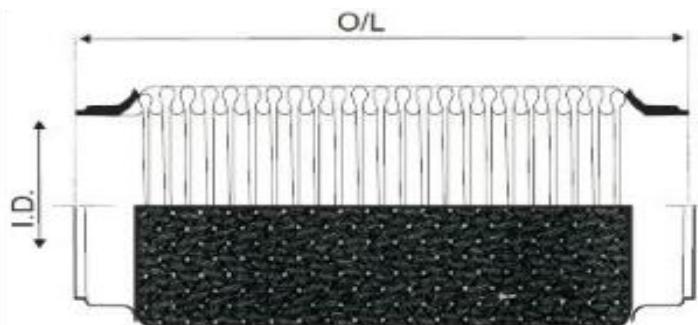
The end fitting range is vast, and knows no limit. End fittings/flanges can be fixed to the hose as per IS, BS, ASA, DIN or as per customer requirement.



## FLEXIBLE PIPES FOR EXHAUST SYSTEMS



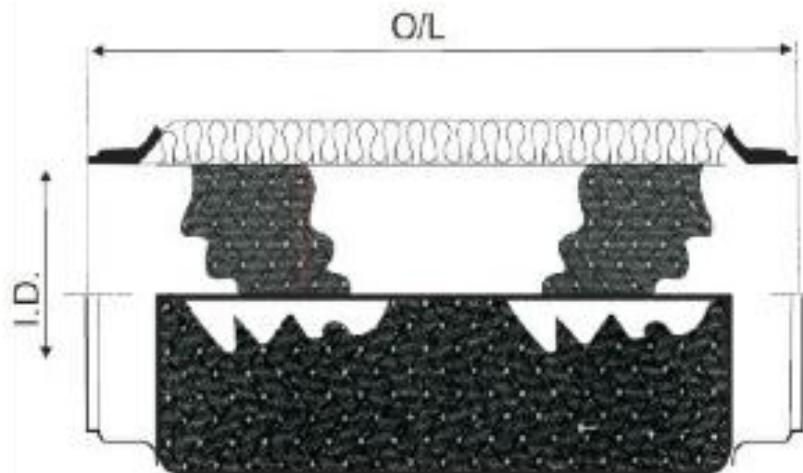
Hose OD (MM)	A (MM)	B (MM)	C (MM)	D (MM)
83.00	97.85	93.25	84.40	87.55
94.50	112.20	107.70	100.70	104.73
104.00	120.64	117.96	111.00	115.50



NOMINAL SIZE	INSIDE DIAMETER	OVERALL LENGTH O/L
1-1/2" x 4"	38.6 m.m	102 m.m
1-1/2" x 6"	38.6 m.m	152 m.m
1-1/2" x 8"	38.6 m.m	202 m.m
1-1/2" x 9"	38.6 m.m	228 m.m
1-1/2" x 10"	38.6 m.m	254 m.m
1-3/4" x 4"	45.3 m.m	102 m.m
1-3/4" x 6"	45.3 m.m	152 m.m
1-3/4" x 8"	45.3 m.m	202 m.m
1-3/4" x 9"	45.3 m.m	228 m.m
1-3/4" x 10"	45.3 m.m	254 m.m
2" x 4"	51.4 m.m	102 m.m
2" x 6"	51.4 m.m	152 m.m
2" x 8"	51.4 m.m	202 m.m
2" x 9"	51.4 m.m	228 m.m
2" x 10"	51.4 m.m	254 m.m

NOMINAL SIZE	INSIDE DIAMETER	OVERALL LENGTH O/L
2-1/4" x 4"	57.2 m.m	102 m.m
2-1/4" x 6"	57.2 m.m	152 m.m
2-1/4" x 8"	57.2 m.m	202 m.m
2-1/4" x 9"	57.2 m.m	228 m.m
2-1/4" x 10"	57.2 m.m	254 m.m
2-1/2" x 4"	63.8 m.m.	102 m.m
2-1/2" x 6"	63.8 m.m.	152 m.m
2-1/2" x 8"	63.8 m.m.	202 m.m
2-1/2" x 10"	63.8 m.m.	254 m.m
2-1/2" x 12"	63.8 m.m.	305 m.m
3" x 4"	76.5 m.m.	102 m.m
3" x 6"	76.5 m.m.	152 m.m
3" x 8"	76.5 m.m.	202 m.m
3" x 10"	76.5 m.m.	254 m.m
3" x 12"	76.5 m.m.	305 m.m

## FLEXIBLE PIPES FOR EXHAUST SYSTEMS (WITH INNER BRAID SLEEVE)



NOMINAL SIZE	INSIDE DIAMETER	OVERALL LENGTH O/L	NOMINAL SIZE	INSIDE DIAMETER	OVERALL LENGTH O/L
1-1/2" x 4"	38.6 m.m	102 m.m	2-1/4" x 4"	57.2 m.m	102 m.m
1-1/2" x 6"	38.6 m.m	152 m.m	2-1/4" x 6"	57.2 m.m	152 m.m
1-1/2" x 8"	38.6 m.m	202 m.m	2-1/4" x 8"	57.2 m.m	202 m.m
1-1/2" x 9"	38.6 m.m	228 m.m	2-1/4" x 9"	57.2 m.m	228 m.m
1-1/2" x 10"	38.6 m.m	254 m.m	2-1/4" x 10"	57.2 m.m	254 m.m
1-3/4" x 4"	45.3 m.m	102 m.m	2-1/2" x 4"	63.8 m.m	102 m.m
1-3/4" x 6"	45.3 m.m	152 m.m	2-1/2" x 6"	63.8 m.m	152 m.m
1-3/4" x 8"	45.3 m.m	202 m.m	2-1/2" x 8"	63.8 m.m	202 m.m
1-3/4" x 9"	45.3 m.m	228 m.m	2-1/2" x 10"	63.8 m.m	254 m.m
1-3/4" x 10"	45.3 m.m	254 m.m	2-1/2" x 12"	63.8 m.m	305 m.m
2" x 4"	51.4 m.m	102 m.m	3" x 4"	76.5 m.m	102 m.m
2" x 6"	51.4 m.m	152 m.m	3" x 6"	76.5 m.m	152 m.m
2" x 8"	51.4 m.m	202 m.m	3" x 8"	76.5 m.m	202 m.m
2" x 9"	51.4 m.m	228 m.m	3" x 10"	76.5 m.m	254 m.m
2" x 10"	51.4 m.m	254 m.m	3" x 12"	76.5 m.m	305 m.m

## BELLOWS (BLANK ENDS)

INNER DIAMETER	OVERALL LENGTH
1 3/4"	4"
1 3/4"	6"
1 3/4"	8"
1 3/4"	10"
2"	4"
2"	6"
2"	8"
2"	10"
2 1/4"	4"
2 1/4"	6"
2 1/4"	8"
2 1/4"	10"
2 1/2"	4"
2 1/2"	6"
2 1/2"	8"
2 1/2"	10"
3"	4"
3"	6"
3"	8"
3"	10"



## BELLOWS (BLANK ENDS WITH INNER BRAIDING)

INNER DIAMETER	OVERALL LENGTH
1 3/4"	4"
1 3/4"	6"
1 3/4"	8"
1 3/4"	10"
2"	4"
2"	6"
2"	8"
2"	10"
2 1/4"	4"
2 1/4"	6"
2 1/4"	8"
2 1/4"	10"
2 1/2"	4"
2 1/2"	6"
2 1/2"	8"
2 1/2"	10"
3"	4"
3"	6"
3"	8"
3"	10"



## BELLOWS (NIPPLE ENDS)

INNER DIAMETER	OVERALL LENGTH
1 3/4"	8"
1 3/4"	10"
1 3/4"	12"
1 3/4"	14"
2"	8"
2"	10"
2"	12"
2"	14"
2 1/4"	8"
2 1/4"	10"
2 1/4"	12"
2 1/4"	14"
2 1/2"	8"
2 1/2"	10"
2 1/2"	12"
2 1/2"	14"
3"	8"
3"	10"
3"	12"
3"	14"

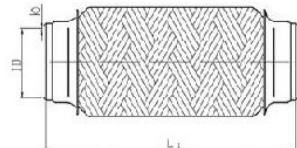


## BELLOWS (INTERLOCK)

INNER DIAMETER	OVERALL LENGTH
1-3/4"	4"
1-3/4"	6"
1-3/4"	8"
1-3/4"	10"
2"	4"
2"	6"
2"	8"
2"	10"
2-1/4"	4"
2-1/4"	6"
2-1/4"	8"
2-1/4"	10"
2-1/2"	4"
2-1/2"	6"
2-1/2"	8"
2-1/2"	10"
3"	4"
3"	6"
3"	8"
3"	10"



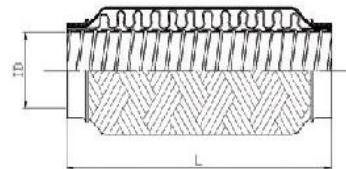
## FLEXIBLE PIPE



With braid inner

SIZE (INCH)	SIZE(MM)
1-1/2×4	38×102
1-1/2×6	38×152
1-1/2×8	38×203
1-1/2×10	38×254
1-3/4×4	45×102
1-3/4×6	45×152
1-3/4×8	45×203
1-3/4×10	45×254
2×4	51×102
2×6	51×152
2×8	51×203
2×10	51×254
2-1/4×4	57×102
2-1/4×6	57×152
2-1/4×8	57×203
2-1/4×10	57×254
2-9/25×4	60×102
2-9/25×6	60×152
2-9/25×8	60×203
2-9/25×10	60×254
2-1/2×4	63.5×102
2-1/2×6	63.5×152
2-1/2×8	63.5×203
2-1/2×10	63.5×254

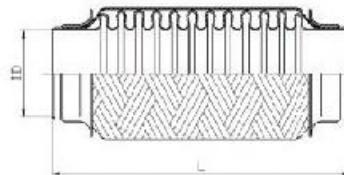
SIZE (INCH)	SIZE(MM)
3×4	76×102
3×6	76×152
3×8	76×203
3×10	76×254
3-1/2×4	89×102
3-1/2×6	89×152
3-1/2×8	89×203
3-1/2×10	89×254
4×4	102×102
4×6	102×152
4×8	102×203
4×10	102×254
5×4	127×102
5×6	127×152
5×8	127×203
5×10	127×254
6×4	152×102
6×6	152×152
6×8	152×203
6×10	152×254



With interlock

SIZE (INCH)	SIZE(MM)
1-1/2×4	38×102
1-1/2×6	38×152
1-1/2×8	38×203
1-1/2×10	38×254
1-3/4×4	45×102
1-3/4×6	45×152
1-3/4×8	45×203
1-3/4×10	45×254
2×4	51×102
2×6	51×152
2×8	51×203
2×10	51×254
2-1/4×4	57×102
2-1/4×6	57×152
2-1/4×8	57×203
2-1/4×10	57×254
2-9/25×4	60×102
2-9/25×6	60×152
2-9/25×8	60×203
2-9/25×10	60×254
2-1/2×4	63.5×102
2-1/2×6	63.5×152
2-1/2×8	63.5×203
2-1/2×10	63.5×254
3×4	76×102
3×6	76×152
3×8	76×203
3×10	76×254

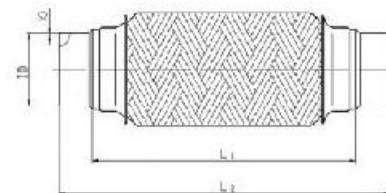
SIZE (INCH)	SIZE(MM)
3-1/2×4	89×102
3-1/2×6	89×152
3-1/2×8	89×203
3-1/2×10	89×254
4×4	102×102
4×6	102×152
4×8	102×203
4×10	102×254
5×4	127×102
5×6	127×152
5×8	127×203
5×10	127×254
6×4	152×102
6×6	152×152
6×8	152×203
6×10	152×254



Without inner braid

SIZE (INCH)	SIZE(MM)
1-1/2×4	38×102
1-1/2×6	38×152
1-1/2×8	38×203
1-1/2×10	38×254
1-3/4×4	45×102
1-3/4×6	45×152
1-3/4×8	45×203
1-3/4×10	45×254
2×4	51×102
2×6	51×152
2×8	51×203
2×10	51×254
2-1/4×4	57×102
2-1/4×6	57×152
2-1/4×8	57×203
2-1/4×10	57×254
2-9/25×4	60×102
2-9/25×6	60×152
2-9/25×8	60×203
2-9/25×10	60×254
2-1/2×4	63.5×102
2-1/2×6	63.5×152
2-1/2×8	63.5×203
2-1/2×10	63.5×254
3×4	76×102
3×6	76×152
3×8	76×203

SIZE (INCH)	SIZE(MM)
3×10	76×254
3-1/2×4	89×102
3-1/2×6	89×152
3-1/2×8	89×203
3-1/2×10	89×254
4×4	102×102
4×6	102×152
4×8	102×203
4×10	102×254
5×4	127×102
5×6	127×152
5×8	127×203
5×10	127×254
6×4	152×102
6×6	152×152
6×8	152×203
6×10	152×254



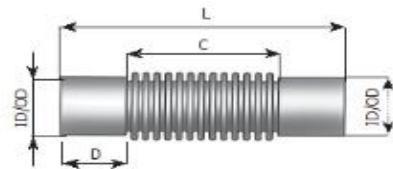
With nipple (extension tube)

SIZE (INCH)	SIZE(MM)
1-1/2×4-8	38×102-203
1-1/2×6-10	38×152-254
1-1/2×8-12	38×203-305
1-1/2×10-14	38×254-356
1-3/4×4-8	45×102-203
1-3/4×6-10	45×152-254
1-3/4×8-12	45×203-305
1-3/4×10-14	45×254-356
2×4-8	51×102-203
2×6-10	51×152-254
2×8-12	51×203-305
2×10-14	51×254-356
2-1/4×4-8	57×102-203
2-1/4×6-10	57×152-254
2-1/4×8-12	57×203-305
2-1/4×10-14	57×254-356
2-9/25×4-8	60×102-203
2-9/25×6-10	60×152-254
2-9/25×8-12	60×203-305
2-9/25×10-14	60×254-356
2-1/2×4-8	63.5×102-203
2-1/2×6-10	63.5×152-254
2-1/2×8-10	63.5×203-305
2-1/2×10-14	63.5×254-356
3×4-8	76×102-203
3×6-10	76×152-254

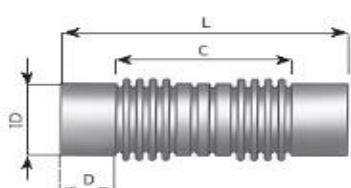
SIZE (INCH)	SIZE(MM)
3×8-12	76×203-305
3×10-14	76×254-356
3-1/2-4	89×102-203
3-1/2-6	89×152-254
3-1/2-8	89×203-305
3-1/2-10	89×254-356
4×4-8	102×102-203
4×6-10	102×152-254
4×8-12	102×203-305
4×10-14	102×254-356
5×4-8	127×102-203
5×6-10	127×152-254
5×8-12	127×203-305
5×10-14	127×254-356
6×4-8	152×102-203
6×6-10	152×152-254
6×8-12	152×203-305
6×10-14	152×254-356

## Compensator

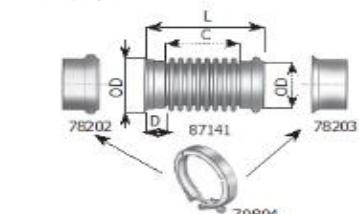
L mm	ID/OD mm	C mm	D mm
240	ID 61,0	120	60
180	ID 71,0	110	35
179	OD 102,0	103	38
215	OD 114,3	95	60



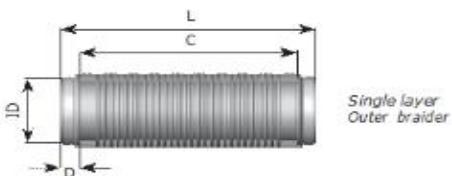
L mm	ID mm	C mm	D mm
380	90,0	188	60



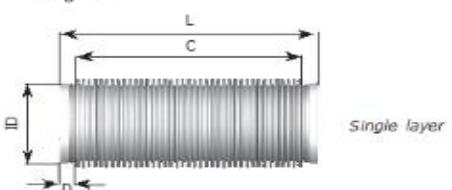
L mm	OD mm	C mm	D mm
160	102,0	81	42



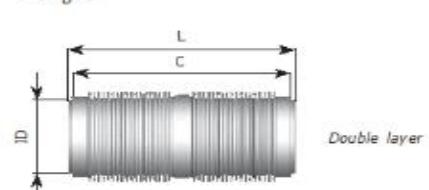
L mm	ID mm	C mm	D mm
240	61,0	203	37
295	89,0	251	22



L mm	ID mm	C mm	D mm
308	110,0	268	20
225	85,2	180	



L mm	ID mm	C mm
298	111,0	288



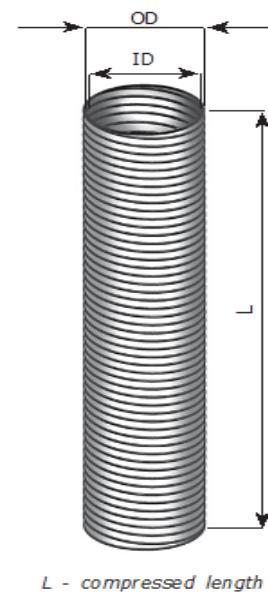
L mm	ID mm
88	103,0



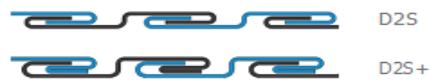
## FLEXIBLE PIPE

### ZINC

OD mm	OD Inch	ID mm	ID Inch	Flex
29,0	1 1/7	25,0	1	D2S
34,0	1 1/3	30,0	1 1/8	D2S
36,0	1 2/5	32,0	1 1/4	D2S
40,0	1 3/5	36,0	1 3/8	D2S
43,0	1 5/7	39,0	1 1/2	D2S
46,0	1 4/5	42,0	1 5/8	D2S
49,0	1 9/10	45,0	1 3/5	D2S
52,0	2	48,0	1 7/8	D2S
55,0	2 1/6	51,0	2	D2S
58,5	2 2/6	54,5	2 1/8	D2S
62,0	2 2/5	58,0	2 1/4	D2S
65,0	2 4/7	61,0	2 3/8	D2S
68,0	2 2/3	64,0	2 1/2	D2S
70,0	2 5/7	66,0	2 5/8	D2S+
71,0	2 4/5	67,0	2 5/8	D2S+
74,0	2 9/10	70,0	2 3/4	D2S
81,1	3 1/5	77,1	3	D2S
85,0	3 1/3	81,0	3 1/8	D2S+
87,0	3 2/5	83,0	3 1/4	D2S
90,0	3 1/2	86,0	3 2/5	D2S
92,9	3 5/7	88,9	3 1/2	D2S
97,0	3 4/5	93,0	3 5/8	D2S+
99,0	3 8/9	95,0	3 3/4	D2S
105,0	4 1/8	101,0	3 7/8	D2S+
106,7	4 1/5	102,7	4	D2S+
112,0	4 2/5	108,0	4 1/4	D2S+
114,0	4 1/2	110,0	4 3/8	D2S
119,5	4 5/7	115,5	4 1/2	D2S+
125,2	4 9/10	121,2	4 3/4	D2S
130,5	5 1/8	126,5	5	D2S+
132,3	5 1/5	128,3	5	D2S
135,5	5 1/3	131,5	5 1/3	D2S+
145,0	5 3/4	141,0	5 1/2	D2S+
157,5	6 1/5	153,5	6	D2S+



L - compressed length



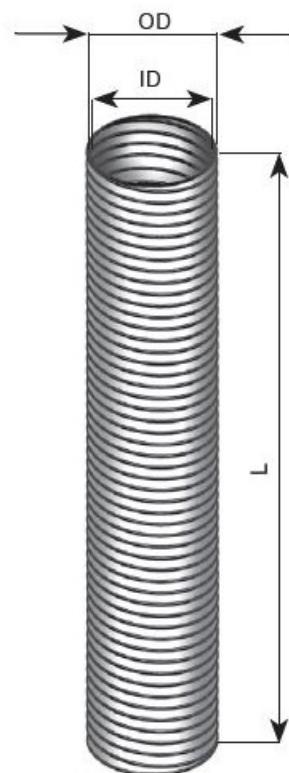
D2S

D2S+

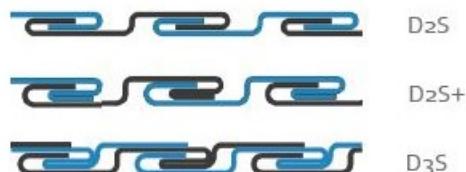
Max temperature 550 degrees - corrosion can occur at high temperatures.

## INOX

OD mm	OD Inch	ID mm	ID Inch	Flex
29,0	1 1/7	25,0	1	D2S
36,0	1 2/5	32,0	1 1/4	D2S
43,0	1 5/7	39,0	1 1/2	D2S
46,0	1 4/5	42,0	1 5/8	D2S
49,0	1 9/10	45,0	1 3/4	D2S
55,0	2 1/6	51,0	2	D2S
58,0	2 1/4	54,0	2 1/8	D2S
62,0	2 2/5	58,0	2 1/4	D2S
65,0	2 1/2	61,0	2 3/8	D2S
68,0	2 1/6	64,0	2 1/2	D2S
70,0	2 5/7	66,0	2 5/8	D2S
74,0	2 9/10	70,0	2 3/4	D2S
81,1	3 1/5	77,1	3	D2S+
85,0	3 1/3	81,0	3 1/8	D2S+
90,0	3 1/2	86,0	3 2/5	D2S
92,9	3 5/7	88,9	3 1/2	D2S+
93,9	3 5/7	89,9	3 1/2	D3S
105,0	4 1/8	101,0	3 7/8	D2S+
106,7	4 1/5	102,7	4	D2S+
106,7	4 1/2	102,7	4	D3S
112,0	4 2/5	108,0	4 1/4	D2S
114,0	4 1/2	110,0	4 3/8	D2S+
119,5	4 5/7	115,5	4 1/2	D2S+
125,2	4 9/10	121,2	4 3/4	D2S+
130,5	5 1/8	126,5	5	D2S
132,3	5 1/5	128,3	5	D2S+
132,3	5 1/5	128,3	5	D3S
135,5	5 1/3	131,5	5 1/8	D2S
144,0	5 2/3	140,0	5 1/2	D2S+
157,5	6 1/5	153,5	6	D2S+

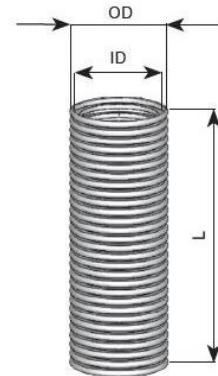


*L - compressed length*



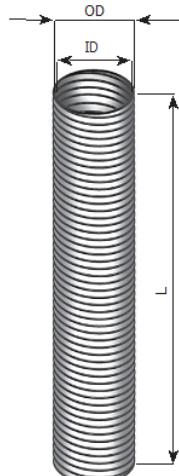
## INOX - Convoluted Flex

L mm	OD mm	OD Inch	ID mm	ID Inch
1000	103,0	4	77,0	3
1000	115,0	4 1/2	90,0	3 1/2
1000	12,08	5	103,0	4



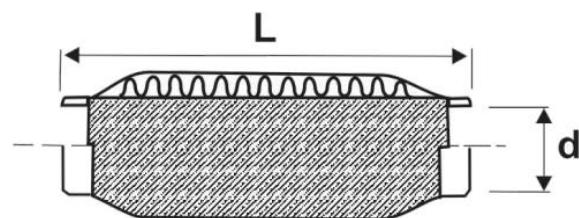
## INOX (L<1000 mm)

L mm	OD mm	ID mm	ID Inch	Flex
410	55,0	51,0	2	D2S
450	65,0	61,0	2 3/8	D2S
450	68,0	64,0	2 1/2	D2S
250	74,0	70,0	2 3/4	D2S
224	81,0	77,0	3	D2S+
326	81,0	77,0	3	D2S+
450	81,0	77,0	3	D2S
195	94,0	90,0	3 1/2	D2S
210	94,0	90,0	3 1/2	D2S+
258	94,0	90,0	3 1/2	D2S+
365	94,0	90,0	3 1/2	D2S+
392	94,0	90,0	3 1/2	D2S+
450	94,0	90,0	3 1/2	D2S
285	105,0	101,0	3 7/8	D2S
375	105,0	101,0	3 7/8	D2S
334	106,7	102,7	4	D2S+
238	107,0	103,0	4	D2S+
258	107,0	103,0	4	D2S+
420	107,0	103,0	4	D2S+
542	107,0	103,0	4	D2S+
513	107,0	103,0	4	D2S+
315	115,0	111,0	4 3/8	D2S+
262	119,0	115,0	4 1/2	D2S+
306	119,0	115,0	4 1/2	D2S+
296	119,0	115,0	4 1/2	D2S+
373	119,0	115,0	4 1/2	D2S+
440	119,0	115,0	4 1/2	D2S
450	119,0	115,0	4 1/2	D2S
500	119,0	115,0	4 1/2	D2S
233	119,5	115,9	4 1/2	D2S+
382	125,5	121,5	4 3/4	D2S+
124	132,3	128,3	5 1/16	D2S+
295	132,3	128,3	5 1/16	D2S+
513	132,0	128,0	5	D2S+



L - compressed length



***dxL***

31 x 200 mm

34 x 200 mm

38 x 94 mm

38 x 100 mm

38 x 150 mm

38 x 200 mm

38 x 230 mm

38 x 260 mm

**INNER BRAIDED CONNECTORS**


Total Length	Diameter	End Pipes	Part No.	Total Length	Diameter	End Pipes	Part No.
70mm	70mm	None	FPIB7070	200mm	102mm	None	FPIB200102
100mm	38mm	None	FPIB10038	220mm	64mm	None	FPIB22064
100mm	40mm	None	FPIB10040	230mm	40mm	None	FPIB23040
100mm	43mm	None	FPIB10043	230mm	45mm	None	FPIB23045
100mm	45mm	None	FPIB10045	230mm	48mm	None	FPIB23048
100mm	48mm	None	FPIB10048	230mm	50mm	None	FPIB23050
100mm	50mm	None	FPIB10050	230mm	55mm	None	FPIB23055
100mm	52mm	None	FPIB10052	230mm	57mm	None	FPIB23057
100mm	55mm	None	FPIB10055	230mm	60mm	None	FPIB23060
100mm	57mm	None	FPIB10057	240mm	52mm	None	FPIB24052
100mm	60mm	None	FPIB10060	250mm	43mm	None	FPIB25043
101mm	64mm	None	FPIB10064	250mm	48mm	None	FPIB25048
110mm	75mm	None	FPIB11075	250mm	50mm	None	FPIB25050
115mm	60mm	None	FPIB11560	250mm	52mm	None	FPIB25052
120mm	45mm	None	FPIB12045	250mm	54mm	None	FPIB25054
120mm	50mm	None	FPIB12050	250mm	55mm	None	FPIB25055
120mm	64mm	None	FPIB12064	250mm	57mm	None	FPIB25057
150mm	38mm	None	FPIB15038	250mm	60mm	None	FPIB25060
150mm	43mm	None	FPIB15043	250mm	64mm	None	FPIB25064
150mm	45mm	None	FPIB15045	250mm	70mm	None	FPIB25070
150mm	48mm	None	FPIB15048	250mm	75mm	None	FPIB25075
150mm	50mm	None	FPIB15050	260mm	40mm	None	FPIB26040
150mm	52mm	None	FPIB15052	260mm	45mm	None	FPIB26045
150mm	55mm	None	FPIB15055	260mm	40mm	None	FPIB26040
150mm	57mm	None	FPIB15057	260mm	45mm	None	FPIB26045
150mm	60mm	None	FPIB15060	260mm	48mm	None	FPIB26048
150mm	64mm	None	FPIB15064	260mm	50mm	None	FPIB26050
150mm	70mm	None	FPIB15070	260mm	55mm	None	FPIB26055
150mm	75mm	None	FPIB15075	260mm	57mm	None	FPIB26057
160mm	40mm	None	FPIB16040	260mm	60mm	None	FPIB26060
160mm	48mm	None	FPIB16048	260mm	64mm	None	FPIB26064
190mm	45mm	None	FPIB19045	320mm	40mm	None	FPIB32040
200mm	31mm	None	FPIB20031	320mm	45mm	None	FPIB32045
200mm	38mm	None	FPIB20038	320mm	50mm	None	FPIB32050
200mm	40mm	None	FPIB20040	320mm	55mm	None	FPIB32055
200mm	43mm	None	FPIB20043	350mm	40mm	None	FPIB35040
200mm	45mm	None	FPIB20045				
200mm	48mm	None	FPIB20048				
200mm	50mm	None	FPIB20050				
200mm	52mm	None	FPIB20052				
200mm	55mm	None	FPIB20055				
200mm	57mm	None	FPIB20057				
200mm	60mm	None	FPIB20060				
200mm	64mm	None	FPIB20064				
200mm	65mm	None	FPIB20065				
200mm	70mm	None	FPIB20070				
200mm	75mm	None	FPIB20075				
200mm	90mm	None	FPIB20090				

**INNER BRAIDED CONNECTORS WITH END PIPES**


Total Length	Diameter	End Pipes	Part No.
325mm	50mm	1 End Pipe	FPIB32550-1
327mm	52mm	1 End Pipe	FPIB32752-1
150mm	45mm	2 End Pipes	FPIB15045-2
240mm	45mm	2 End Pipes	FPIB24045-2
240mm	52mm	2 End Pipes	FPIB24052-2
270mm	45mm	2 End Pipes	FPIB27045-2
270mm	50mm	2 End Pipes	FPIB27050-2
271mm	45mm	2 End Pipes	FPIB27145-2
272mm	42mm	2 End Pipes	FPIB27242-2
272mm	45mm	2 End Pipes	FPIB27245-2
272mm	48mm	2 End Pipes	FPIB27248-2
274mm	40mm	2 End Pipes	FPIB27440-2
274mm	42mm	2 End Pipes	FPIB27442-2
274mm	45mm	2 End Pipes	FPIB27445-2
280mm	45mm	2 End Pipes	FPIB28045-2
280mm	48mm	2 End Pipes	FPIB28048-2
280mm	50mm	2 End Pipes	FPIB28050-2
280mm	55mm	2 End Pipes	FPIB28055-2
282mm	38mm	2 End Pipes	FPIB28238-2
282mm	57mm	2 End Pipes	FPIB28257-2

Total Length	Diameter	End Pipes	Part No.
285mm	55mm	2 End Pipes	FPIB28555-2
290mm	42mm	2 End Pipes	FPIB29042-2
290mm	45mm	2 End Pipes	FPIB29045-2
290mm	52mm	2 End Pipes	FPIB29052-2
291mm	45mm	2 End Pipes	FPIB29145-2
300mm	60mm	2 End Pipes	FPIB30060-2
320mm	60mm	2 End Pipes	FPIB32060-2
330mm	38mm	2 End Pipes	FPIB33038-2
330mm	48mm	2 End Pipes	FPIB33048-2
330mm	55mm	2 End Pipes	FPIB33055-2
340mm	42mm	2 End Pipes	FPIB34042-2
340mm	45mm	2 End Pipes	FPIB34045-2
340mm	50mm	2 End Pipes	FPIB34050-2
340mm	52mm	2 End Pipes	FPIB34052-2
340mm	55mm	2 End Pipes	FPIB34055-2
390mm	42mm	2 End Pipes	FPIB39042-2
390mm	45mm	2 End Pipes	FPIB39045-2
390mm	50mm	2 End Pipes	FPIB39050-2
400mm	48mm	2 End Pipes	FPIB40048-2
410mm	45mm	2 End Pipes	FPIB41045-2

**INNER BRAIDED CONNECTORS WITH 3 STEP PIPE**


Total L	Braid L	Dia 1	Dia 2	Dia 3	Part No.
400mm	100mm	38mm	40mm	42mm	FPIB40042A
400mm	100mm	45mm	48mm	55mm	FPIB10055A
400mm	100mm	45mm	48mm	51mm	FPIB40250A
400mm	100mm	48mm	51mm	53mm	FPIB40053A
400mm	101mm	42mm	45mm	48mm	FPIB40148A
400mm	105mm	48mm	50mm	55mm	FPIB40055A

Total L	Braid L	Dia 1	Dia 2	Dia 3	Part No.
400mm	120mm	50mm	55mm	60mm	FPIB40060A
400mm	120mm	50mm	52mm	55mm	FPIB40155A
400mm	120mm	53mm	58mm	63mm	FPIB40063A
400mm	200mm	42mm	45mm	48mm	FPIB40248A
400mm	200mm	45mm	48mm	55mm	FPIB20055A

### INTER LOCK CONNECTORS



Total Length	Diameter	End Pipes	Part No.
70mm	50mm	None	FPIL7050
93mm	42mm	None	FPIL9342
94mm	38mm	None	FPIL9438
94mm	45mm	None	FPIL9445
100mm	40mm	None	FPIL10040
100mm	45mm	None	FPIL10045
100mm	48.5mm	None	FPIL10048
100mm	50mm	None	FPIL10050
100mm	55mm	None	FPIL10055
100mm	60mm	None	FPIL10060
100mm	64mm	None	FPIL10064
101mm	42mm	None	FPIL10142
102mm	57mm	None	FPIL10257
105mm	55mm	None	FPIL10555
110mm	45mm	None	FPIL11045
115mm	60mm	None	FPIL11560
115mm	75mm	None	FPIL11575
120mm	50mm	None	FPIL12050
120mm	55mm	None	FPIL12055
150mm	32.5mm	None	FPIL15032

Total Length	Diameter	End Pipes	Part No.
150mm	42mm	None	FPIL15042
150mm	45mm	None	FPIL15045
150mm	48mm	None	FPIL15048
150mm	50mm	None	FPIL15050
150mm	55mm	None	FPIL15055
150mm	60mm	None	FPIL15060
150mm	64mm	None	FPIL15064
150mm	65mm	None	FPIL15065
150mm	75mm	None	FPIL15075
150mm	90mm	None	FPIL15090
190mm	45mm	None	FPIL19045
190mm	50mm	None	FPIL19050
190mm	55mm	None	FPIL19055
200mm	45mm	None	FPIL20045
200mm	48mm	None	FPIL20048
200mm	50mm	None	FPIL20050
200mm	55mm	None	FPIL20055
200mm	60mm	None	FPIL20060
200mm	64mm	None	FPIL20064
200mm	65mm	None	FPIL20065
200mm	80mm	None	FPIL20080
200mm	90mm	None	FPIL20090
230mm	45mm	None	FPIL23045
230mm	50mm	None	FPIL23050
230mm	55mm	None	FPIL23055
230mm	65mm	None	FPIL23065
240mm	50mm	None	FPIL24050
250mm	45mm	None	FPIL25045
250mm	50mm	None	FPIL25050
250mm	55mm	None	FPIL25055
250mm	65mm	None	FPIL25065
260mm	45mm	None	FPIL26045

### INTER LOCK CONNECTORS WITH END PIPES



Total Length	Diameter	End Pipes	Part No.
185mm	50mm	1 End Pipe	FPIL18550-1
220mm	52mm	2 End Pipes	FPIL22052-2
240mm	52mm	2 End Pipes	FPIL24052-2
270mm	48mm	2 End Pipes	FPIL27048-2
270mm	60mm	2 End Pipes	FPIL27060-2
271mm	50mm	2 End Pipes	FPIL27150-2
272mm	42mm	2 End Pipes	FPIL27242-2
272mm	45mm	2 End Pipes	FPIL27245-2
272mm	48mm	2 End Pipes	FPIL27248-2
272mm	50mm	2 End Pipes	FPIL27250-2
274mm	40mm	2 End Pipes	FPIL27440-2
274mm	42mm	2 End Pipes	FPIL27442-2
274mm	45mm	2 End Pipes	FPIL27445-2
275mm	52mm	2 End Pipes	FPIL27552-2

Total Length	Diameter	End Pipes	Part No.
280mm	50mm	2 End Pipes	FPIL28050-2
280mm	55mm	2 End Pipes	FPIL28055-2
282mm	38mm	2 End Pipes	FPIL28238-2
285mm	55mm	2 End Pipes	FPIL28555-2
290mm	42mm	2 End Pipes	FPIL29042-2
290mm	52mm	2 End Pipes	FPIL29052-2
291mm	45mm	2 End Pipes	FPIL29145-2
300mm	60mm	2 End Pipes	FPIL30060-2
330mm	55mm	2 End Pipes	FPIL33055-2
340mm	45mm	2 End Pipes	FPIL34045-2
340mm	50mm	2 End Pipes	FPIL34050-2
340mm	55mm	2 End Pipes	FPIL34055-2
390mm	42mm	2 End Pipes	FPIL39042-2
390mm	45mm	2 End Pipes	FPIL39045-2
390mm	50mm	2 End Pipes	FPIL39050-2

### INTER LOCK CONNECTORS



Total Length	Diameter	End Pipes	Part No.
70mm	50mm	None	FPIL7050
93mm	42mm	None	FPIL9342
94mm	38mm	None	FPIL9438
94mm	45mm	None	FPIL9445
100mm	40mm	None	FPIL10040
100mm	45mm	None	FPIL10045
100mm	48.5mm	None	FPIL10048
100mm	50mm	None	FPIL10050
100mm	55mm	None	FPIL10055
100mm	60mm	None	FPIL10060
100mm	64mm	None	FPIL10064
101mm	42mm	None	FPIL10142
102mm	57mm	None	FPIL10257
105mm	55mm	None	FPIL10555
110mm	45mm	None	FPIL11045
115mm	60mm	None	FPIL11560
115mm	75mm	None	FPIL11575
120mm	50mm	None	FPIL12050
120mm	55mm	None	FPIL12055
150mm	32.5mm	None	FPIL15032

Total Length	Diameter	End Pipes	Part No.
150mm	42mm	None	FPIL15042
150mm	45mm	None	FPIL15045
150mm	48mm	None	FPIL15048
150mm	50mm	None	FPIL15050
150mm	55mm	None	FPIL15055
150mm	60mm	None	FPIL15060
150mm	64mm	None	FPIL15064
150mm	65mm	None	FPIL15065
150mm	75mm	None	FPIL15075
150mm	90mm	None	FPIL15090
190mm	45mm	None	FPIL19045
190mm	50mm	None	FPIL19050
190mm	55mm	None	FPIL19055
200mm	45mm	None	FPIL20045
200mm	48mm	None	FPIL20048
200mm	50mm	None	FPIL20050
200mm	55mm	None	FPIL20055
200mm	60mm	None	FPIL20060
200mm	64mm	None	FPIL20064
200mm	65mm	None	FPIL20065
200mm	80mm	None	FPIL20080
200mm	90mm	None	FPIL20090
230mm	45mm	None	FPIL23045
230mm	50mm	None	FPIL23050
230mm	55mm	None	FPIL23055
230mm	65mm	None	FPIL23065
240mm	50mm	None	FPIL24050
250mm	45mm	None	FPIL25045
250mm	50mm	None	FPIL25050
250mm	55mm	None	FPIL25055
250mm	65mm	None	FPIL25065
260mm	45mm	None	FPIL26045

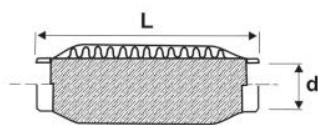
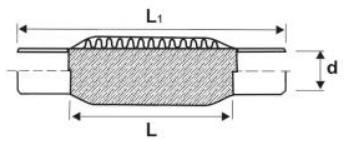
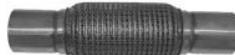
### INTER LOCK CONNECTORS WITH END PIPES



Total Length	Diameter	End Pipes	Part No.
185mm	50mm	1 End Pipe	FPIL18550-1
220mm	52mm	2 End Pipes	FPIL22052-2
240mm	52mm	2 End Pipes	FPIL24052-2
270mm	48mm	2 End Pipes	FPIL27048-2
270mm	60mm	2 End Pipes	FPIL27060-2
271mm	50mm	2 End Pipes	FPIL27150-2
272mm	42mm	2 End Pipes	FPIL27242-2
272mm	45mm	2 End Pipes	FPIL27245-2
272mm	48mm	2 End Pipes	FPIL27248-2
272mm	50mm	2 End Pipes	FPIL27250-2
274mm	40mm	2 End Pipes	FPIL27440-2
274mm	42mm	2 End Pipes	FPIL27442-2
274mm	45mm	2 End Pipes	FPIL27445-2
275mm	52mm	2 End Pipes	FPIL27552-2

Total Length	Diameter	End Pipes	Part No.
280mm	50mm	2 End Pipes	FPIL28050-2
280mm	55mm	2 End Pipes	FPIL28055-2
282mm	38mm	2 End Pipes	FPIL28238-2
285mm	55mm	2 End Pipes	FPIL28555-2
290mm	42mm	2 End Pipes	FPIL29042-2
290mm	52mm	2 End Pipes	FPIL29052-2
291mm	45mm	2 End Pipes	FPIL29145-2
300mm	60mm	2 End Pipes	FPIL30060-2
330mm	55mm	2 End Pipes	FPIL33055-2
340mm	45mm	2 End Pipes	FPIL34045-2
340mm	50mm	2 End Pipes	FPIL34050-2
340mm	55mm	2 End Pipes	FPIL34055-2
390mm	42mm	2 End Pipes	FPIL39042-2
390mm	45mm	2 End Pipes	FPIL39045-2
390mm	50mm	2 End Pipes	FPIL39050-2

S.NO.	dxL	S.NO.	dxL	S.NO.	dxL	S.NO.	dxL
1	38 x 280 mm	21	45 x 100 mm	41	48 x 320 mm	61	50 x 250 mm
2	38 x 320 mm	22	45 x 110 mm	42	48 x 400 mm	62	50 x 280 mm
3	40 x 100 mm	23	45 x 120 mm	43	50 x 50 mm	63	50 x 320 mm
4	40 x 160 mm	24	45 x 150 mm	44	50 x 70 mm	64	50 x 400 mm
5	40 x 200 mm	25	45 x 190 mm	45	50 x 75 mm	65	52 x 100 mm
6	40 x 230 mm	26	45 x 200 mm	46	50 x 90 mm	66	52 x 150 mm
7	40 x 260 mm	27	45 x 230 mm	47	50 x 100 mm	67	52 x 200 mm
8	40 x 280 mm	28	45 x 250 mm	48	50 x 120 mm	68	52 x 210 mm
9	40 x 320 mm	29	45 x 260 mm	49	50 x 150 mm	69	52 x 240 mm
10	40 x 350 mm	30	45 x 280 mm	50	50 x 160 mm	70	52 x 250 mm
11	42 x 93 mm	31	45 x 320 mm	51	50 x 165 mm	71	54 x 75 mm
12	42 x 93 mm	32	45 x 330 mm	52	50 x 190 mm	72	55 x 90 mm
13	42 x 101 mm	33	48 x 75 mm	53	50 x 200 mm	73	55 x 100 mm
14	42 x 150 mm	34	48 x 100 mm	54	50 x 230 mm	74	55 x 105 mm
15	43 x 100 mm	35	48 x 150 mm	55	50 x 240 mm	75	55 x 120 mm
16	43 x 150 mm	36	48 x 160 mm	56	50 x 250 mm	76	55 x 150 mm
17	43 x 200 mm	37	48 x 200 mm	57	50 x 280 mm	77	55 x 170 mm
18	43 x 250 mm	38	48 x 230 mm	58	50 x 320 mm	78	55 x 190 mm
19	43 x 262 mm	39	48 x 250 mm	59	50 x 400 mm	79	55 x 200 mm
20	45 x 94 mm	40	48 x 280 mm	60	52 x 100 mm	80	55 x 230 mm
<hr/>							
S.NO.	dxL	S.NO.	dxL	S.NO.	dxL	S.NO.	dxL
81	55 x 250 mm	101	60 x 200 mm	121	70 x 70 mm	141	108 x 200 mm
82	55 x 280 mm	102	60 x 230 mm	122	70 x 150 mm	142	108 x 300 mm
83	55 x 320 mm	103	60 x 250 mm	123	70 x 200 mm	143	125 x 200 mm
84	55 x 330 mm	104	60 x 255 mm	124	70 x 250 mm		
85	56 x 105 mm	105	60 x 280 mm	125	75 x 100 mm		
86	56 x 150 mm	106	64 x 100 mm	126	75 x 110 mm		
87	56 x 280 mm	107	64 x 101 mm	127	75 x 115 mm		
88	57 x 75 mm	108	64 x 117 mm	128	75 x 150 mm		
89	57 x 100 mm	109	64 x 120 mm	129	75 x 200 mm		
90	57 x 102 mm	110	64 x 150 mm	130	75 x 225 mm		
91	57 x 150 mm	111	64 x 190 mm	131	75 x 250 mm		
92	57 x 200 mm	112	64 x 200 mm	132	80 x 150 mm		
93	57 x 230 mm	113	64 x 220 mm	133	80 x 200 mm		
94	57 x 250 mm	114	64 x 230 mm	134	90 x 100 mm		
95	57 x 280 mm	115	64 x 250 mm	135	90 x 150 mm		
96	60 x 70 mm	116	64 x 280 mm	136	90 x 200 mm		
97	60 x 100 mm	117	65 x 150 mm	137	102 x 150 mm		
98	60 x 115 mm	118	65 x 200 mm	138	102 x 200 mm		
99	60 x 150 mm	119	65 x 230 mm	139	102 x 250 mm		
100	60 x 190 mm	120	65 x 250 mm	140	105 x 300 mm		

**Superflex**

**Superflex with pipes**

**Superflex**
**dxL**

<u>38 x 170 mm</u>
<u>40 x 170 mm</u>
<u>42 x 170 mm</u>
<u>45 x 170 mm</u>
<u>45 x 200 mm</u>
<u>45 x 250 mm</u>
<u>48 x 150 mm</u>
<u>50 x 170 mm</u>
<u>50 x 205 mm</u>
<u>52 x 170 mm</u>
<u>55 x 170 mm</u>
<u>60 x 180 mm</u>
<u>60 x 190 mm</u>
<u>60 x 230 mm</u>

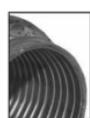
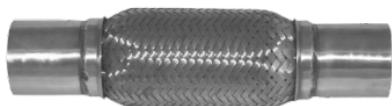
**Superflex with pipes**
**dxLxL1**

<u>38 x 170 x 290 mm</u>
<u>40 x 170 x 290 mm</u>
<u>42 x 170 x 290 mm</u>
<u>42 x 200 x 320 mm</u>
<u>44 x 170 x 290 mm</u>
<u>45 x 170 x 290 mm</u>
<u>45 x 200 x 260 mm</u>
<u>45 x 200 x 320 mm</u>
<u>48 x 150 x 290 mm</u>
<u>50 x 170 x 290 mm</u>
<u>50 x 205 x 265 mm</u>
<u>52 x 170 x 290 mm</u>
<u>55 x 170 x 290 mm</u>
<u>60 x 180 x 240 mm</u>
<u>60 x 190 x 310 mm</u>

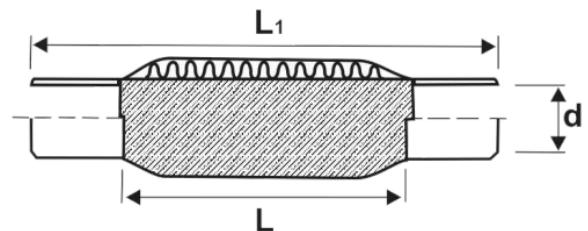
## with pipes /



Inner Braid



Interlock



S.NO.	dxLxL1	S.NO.	dxLxL1	S.NO.	dxLxL1	S.NO.	dxLxL1
1	35 x 200 x 250 mm	21	45 x 150 x 270 mm	41	48 x 200 x 320 mm	61	55 x 100 x 220 mm
2	35 x 209 x 253 mm	22	45 x 150 x 280 mm	42	48 x 200 x 330 mm	62	55 x 105 x 285 mm
3	38 x 80 x 150 mm	23	45 x 150 x 290 mm	43	50 x 100 x 280 mm	63	55 x 150 x 270 mm
4	38 x 100 x 220 mm	24	45 x 150 x 364 mm	44	50 x 150 x 270 mm	64	55 x 150 x 280 mm
5	38 x 152 x 282 mm	25	45 x 165 x 272 mm	45	50 x 155 x 315 mm	65	55 x 195 x 365 mm
6	38 x 200 x 330 mm	26	45 x 190 x 300 mm	46	50 x 160 x 270 mm	66	55 x 200 x 320 mm
7	40 x 94 x 274 mm	27	45 x 190 x 360 mm	47	50 x 170 x 280 mm	67	55 x 200 x 330 mm
8	40 x 100 x 220 mm	28	45 x 200 x 300 mm	48	50 x 200 x 300 mm	68	55 x 200 x 340 mm
9	40 x 200 x 320 mm	29	45 x 200 x 320 mm	49	50 x 200 x 320 mm	69	55 x 230 x 370 mm
10	42 x 94 x 274 mm	30	45 x 200 x 340 mm	50	50 x 200 x 340 mm	70	57 x 110 x 150 mm
11	42 x 100 x 220 mm	31	45 x 210 x 372 mm	51	50 x 200 x 360 mm	71	57 x 152 x 282 mm
12	42 x 150 x 272 mm	32	45 x 230 x 410 mm	52	50 x 250 x 390 mm	72	60 x 116 x 220 mm
13	42 x 150 x 290 mm	33	45 x 250 x 370 mm	53	52 x 100 x 220 mm	73	60 x 120 x 300 mm
14	42 x 200 x 320 mm	34	45 x 250 x 390 mm	54	52 x 100 x 240 mm	74	60 x 200 x 250 mm
15	42 x 200 x 340 mm	35	48 x 100 x 220 mm	55	52 x 105 x 275 mm	75	60 x 200 x 270 mm
16	42 x 250 x 390 mm	36	48 x 100 x 270 mm	56	52 x 150 x 270 mm	76	60 x 200 x 320 mm
17	45 x 94 x 274 mm	37	48 x 100 x 280 mm	57	52 x 150 x 290 mm	77	65 x 200 x 320 mm
18	45 x 100 x 220 mm	38	48 x 115 x 160 mm	58	52 x 200 x 320 mm	78	70 x 150 x 270 mm
19	45 x 110 x 150 mm	39	48 x 150 x 272 mm	59	52 x 200 x 340 mm		
20	45 x 140 x 272 mm	40	48 x 161 x 210 mm	60	53 x 200 x 350 mm		

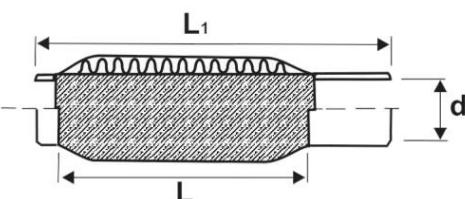
## with pipe



Inner Braid



Interlock



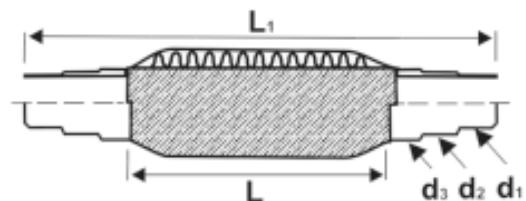
## with pipe

### dxLxL1

- 35 x 200 x 315 mm
- 45 x 94 x 179 mm
- 45 x 200 x 270 mm
- 50 x 100 x 185 mm
- 50 x 190 x 275 mm
- 50 x 240 x 325 mm
- 52 x 242 x 327 mm

**with graded pipes**

**Inner Braid**

**Interlock**

**with graded pipes**
 **$d1/d2/d3 \times L \times L1$** 

38/40/42 x 100 x 400 mm

42/45/48 x 101 x 400 mm

42/45/48 x 200 x 400 mm

45/48/50 x 101 x 400 mm

45/48/51 x 100 x 400 mm

45/48/51 x 150 x 240 mm

45/48/51 x 200 x 400 mm

45/48/53 x 105 x 350 mm

45/48/55 x 100 x 400 mm

45/48/55 x 105 x 390 mm

45/48/55 x 200 x 400 mm

48/50/55 x 105 x 400 mm

48/51/53 x 100 x 400 mm

49/52/59 x 100 x 400 mm

49/52/59 x 200 x 400 mm

50/52/55 x 120 x 400 mm

50/55/60 x 120 x 400 mm

51/53/58 x 105 x 400 mm

53/58/55 x 200 x 400 mm

53/58/63 x 120 x 400 mm

55/60/70 x 152 x 400 mm

58/63/73 x 150 x 400 mm

60/70/76 x 152 x 400 mm

63/73/79 x 150 x 400 mm

**LKW**
 **$d \times L$** 

75 x 250 mm

85 x 250 mm

89 x 250 mm



BMW 1120 I 115 KW 03/2007 - 09/2012  
 BMW 1120 I 125 KW 10/2007 - 10/2013  
 BMW 3 320 I 125 KW 03/2007 - 10/2013  
 BMW 3 320 I 120 KW 01/2007 - 12/2013  
 BMW 3 TOURING 320 I 125 KW 02/2007 - 12/2012



Flex + CF Kit

BMW 5 525 D 120 KW 02/2000 - 06/2003  
 BMW 5 530 D 135 KW 08/1998 - 06/2003  
 BMW 5 TOURING 525 D 120 KW 02/2000 - 05/2004  
 BMW 5 TOURING 530 D 135 KW 08/1998 - 05/2004



Flex + CF Kit

BMW 5 525 D 120 KW 02/2000 - 06/2003  
 BMW 5 530 D 135 KW 08/1998 - 06/2003  
 BMW 5 TOURING 525 D 120 KW 02/2000 - 05/2004  
 BMW 5 TOURING 530 D 135 KW 08/1998 - 05/2004



Flex + CF Kit

BMW 5 535 D 200 KW 09/2004 - 03/2010  
 BMW 5 TOURING 535 D 200 KW 09/2004 - 12/2010



Flex + CF Kit

Audi A3 1.6 74 KW 09/1996 - 05/2003  
 Seat LEON 1.6 74 KW 11/1999 - 06/2006  
 Seat TOLEDO II 1.6 74 KW 10/1998 - 07/2004  
 Skoda OCTAVIA I 1.6 74 KW 02/1997 - 12/2007  
 VW BORA 1.6 74 KW 10/1998 - 05/2005



Flex + CF Kit

Seat CORDOBA 1.9 D 47 KW 01/1996 - 08/1996  
 Seat CORDOBA 1.9 SDI 47 KW 08/1996 - 06/1999  
 Seat CORDOBA VARIO 1.9 SDI 47 KW 09/1996 -  
 Seat IBIZA II 1.9 D 47 KW 04/1993 - 08/1996  
 Seat IBIZA II 1.9 SDI 47 KW 08/1996 - 08/1999



Flex + CF Kit

Audi A3 1.6 74 KW 09/1996 - 05/2003  
 Seat LEON 1.6 74 KW 11/1999 - 06/2006  
 Seat TOLEDO II 1.6 74 KW 10/1998 - 07/2004  
 Skoda OCTAVIA I 1.6 74 KW 02/1997 - 12/2007  
 VW BORA 1.6 74 KW 10/1998 - 05/2005



Flex + CF Kit

BMW 1116 I 90 KW 03/2007 - 12/2011  
 BMW 1118 I 105 KW 09/2006 - 12/2013  
 BMW 3 316 I 90 KW 09/2007 - 06/2013  
 BMW 3 318 I 105 KW 09/2007 - 12/2013  
 BMW 3 320 I 125 KW 09/2007 - 10/2011



Flex + CF Kit

BMW 5 525 D 120 KW 02/2000 - 06/2003  
 BMW 5 530 D 135 KW 08/1998 - 06/2003  
 BMW 5 TOURING 525 D 120 KW 02/2000 - 05/2004  
 BMW 5 TOURING 530 D 135 KW 08/1998 - 05/2004



Flex + CF Kit

BMW 1116 D 85 KW 11/2008 - 12/2011  
 BMW 1118 D 105 KW 09/2006 - 12/2013  
 BMW 1118 D 100 KW 03/2007 - 10/2013  
 BMW 1120 D 120 KW 06/2004 - 12/2011  
 BMW 1120 D 130 KW 09/2007 - 12/2013



Flex + CF Kit

BMW 3 325 D 150 KW 09/2009 - 12/2013  
 BMW 3 330 D 180 KW 09/2008 - 12/2013  
 BMW 3 330 D XDRIVE 180 KW 09/2008 - 10/2011  
 BMW 3 335 D 210 KW 03/2006 - 03/2013  
 BMW 3 330 XD 180 KW 03/2008 - 02/2010



Flex + CF Kit

VW GOLF III 1.8 66 KW 11/1991 - 04/1999  
 VW PASSAT 1.8 55 KW 08/1990 - 08/1996  
 VW PASSAT B3B4 1.8 55 KW 08/1990 - 05/1997  
 VW PASSAT VARIANT 1.8 55 KW 08/1990 - 05/1997  
 VW VENTO 1.8 66 KW 11/1991 - 09/1998



Flex + CF Kit

Audi A3 1.8 92 KW 09/1996 - 05/2003  
 Seat LEON 1.8 20V 92 KW 11/1999 - 06/2006  
 Seat TOLEDO II 1.8 20V 92 KW 10/1998 - 07/2004  
 Skoda OCTAVIA I 1.8 92 KW 09/1996 - 07/2000  
 Skoda OCTAVIA I 1.8 20V 92 KW 07/1998 - 07/2000



Flex + CF Kit

Seat ALHAMBRA 2.0 I 85 KW 04/1996 - 03/2010  
 VW SHARAN 2.0 85 KW 09/1995 - 03/2010



Flex + CF Kit

Seat CORDOBA 1.2 47 KW 10/2002 - 06/2006  
 Seat CORDOBA 1.2 12V 51 KW 05/2006 - 11/2009  
 Seat IBIZA III 1.2 47 KW 02/2002 - 05/2008  
 Seat IBIZA III 1.2 12V 51 KW 05/2006 - 11/2009  
 Seat IBIZA IV 1.2 51 KW 03/2008 - 05/2015



Audi A4 1.6 74 KW 11/1994 - 10/2000  
 Audi A4 1.8 92 KW 11/1994 - 11/2000  
 Audi A4 1.8 QUATTRO 92 KW 01/1995 - 11/2000  
 Audi A4 AT 1.6 74 KW 11/1994 - 09/2001  
 Audi A4 AT 1.8 92 KW 02/1996 - 09/2001



Audi A3 1.6 FSI 85 KW 08/2003 - 09/2007  
 Audi A3 SPORTBACK 1.6 FSI 85 KW 09/2004 -  
 Opel VECTRA B 1.6 I 16V 74 KW 10/1995 - 07/2002  
 Opel VECTRA B 1.8 I 16V 85 KW 10/1995 - 09/2000  
 Opel VECTRA B 2.0 I 16V 100 KW 09/1995 - 09/2000



Ford FIESTA IV 1.25 I 16V 55 KW 08/1995 - 01/2002  
 Ford FIESTA IV 1.4 I 16V 66 KW 04/1996 - 01/2002  
 Ford PUMA 1.4 16V 66 KW 11/1997 - 10/2000  
 Mazda 121 III 1.25 55 KW 03/1996 - 04/2003



MERCEDES-BENZ SPRINTER 3,5-T 310 CDI 70 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 313 CDI 95 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 313 CDI 4X4 95 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 316 CDI 120 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 316 CDI 4X4 120



Citroen C4 2.0 16V 100 KW 11/2004 - 07/2007  
 Citroen C4 I 2.0 16V 100 KW 11/2004 - 07/2007  
 Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 16V 100 KW 03/2001 - 08/2004  
 Citroen C8 2.0 100 KW 07/2002 -



Renault LAGUNA II 1.6 16V 79 KW 03/2001 - 12/2007  
 Renault LAGUNA II 1.8 16V 85 KW 03/2001 - 12/2007  
 Renault LAGUNA II 1.8 16V 88 KW 03/2001 - 05/2005



Audi A4 1.6 74 KW 11/1994 - 10/2000  
 Audi A4 B5 1.6 74 KW 11/1994 - 10/2000  
 Renault MEGANE II 1.4 E 55 KW 01/1996 - 08/2003  
 Renault MEGANE II 1.4 ECO 52 KW 01/1996 - 03/1999  
 Renault MEGANE II 1.6 E 66 KW 01/1996 - 08/2003



VW POLO CLASSIC 100 1.6 74 KW 12/1995 - 09/2001  
 VW POLO III 100 1.6 74 KW 12/1995 - 09/2001  
 VW POLO VARIANT 1.6 55 KW 05/1997 - 09/2001



Fiat CROMA 2.2 16V 108 KW 06/2005 -  
 Opel SIGNUM HATCHBACK 2.2 DIRECT 114 KW  
 Opel SIGNUM LIFTBACK 2.2 DIRECT 114 KW 05/2003 -  
 Opel VECTRA C 2.2 16V 108 KW 04/2002 - 12/2008  
 Opel VECTRA C 2.2 DGI 114 KW 10/2003 - 08/2008



Opel ASTRA G 1.8 16V 85 KW 02/1998 - 10/2000  
 Opel ASTRA G 1.4 16V 66 KW 02/1998 - 01/2005  
 Opel ASTRA G 1.6 55 KW 02/1998 - 09/2000  
 Opel ASTRA G 1.6 16V 74 KW 02/1998 - 01/2005  
 Opel ZAFIRA A 1.6 16V 74 KW 04/1999 - 06/2005



MERCEDES-BENZ SPRINTER 3,5-T 310 CDI 70 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 311 CDI 80 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 313 CDI 95 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 313 CDI 4X4 95 KW  
 MERCEDES-BENZ SPRINTER 3,5-T 314 CDI 105 KW



Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 16V 100 KW 03/2001 - 08/2004  
 Peugeot 307 2.0 16V 100 KW 08/2000 - 06/2005  
 Peugeot 307 BREAK 2.0 100 KW 03/2002 - 06/2005  
 Peugeot 307 CC 2.0 16V 100 KW 10/2003 - 06/2005



Citroen C3 AIRCROSS 1.2 PURETECH 110 81 KW  
 Citroen C3 AIRCROSS 1.2 PURETECH 130 96 KW  
 Citroen C3 II 1.4 LPG 70 KW 06/2013 -  
 Citroen C3 II 1.4 VTI 95 70 KW 11/2009 -  
 Citroen C3 II 1.6 VTI 120 88 KW 11/2009 -



Renault LAGUNA II 1.6 16V 79 KW 03/2001 - 08/2007  
 Renault LAGUNA II 1.8 16V 86 KW 03/2001 - 12/2007  
 Renault LAGUNA II 2.0 16V 99 KW 08/2002 - 12/2007  
 Renault LAGUNA II 2.0 16V IDE 103 KW 04/2001 -  
 Renault LAGUNA II 1.6 16V 82 KW 03/2001 - 12/2007



Renault GRAND SCÉNIC 1.6 83 KW 04/2004 -  
 Renault GRAND SCÉNIC 2.0 120 KW 04/2004 -  
 Renault MEGANE II 1.6 16V 82 KW 11/2002 - 08/2009  
 Renault MEGANE II 2.0 16V 99 KW 11/2002 - 02/2008  
 Renault MEGANE II 2.0 16V TURBO 120 KW 05/2004 -



Renault MEGANE I 1.4 16V 70 KW 03/1999 - 08/2003  
 Renault MEGANE I 1.8 16V 85 KW 01/2001 - 08/2003  
 Renault MEGANE I 1.9 DCI 75 KW 02/2001 - 08/2003  
 Renault MEGANE I 1.9 DTI 59 KW 02/2001 - 08/2003  
 Renault MEGANE I 1.6 16V 79 KW 03/1999 - 08/2003



Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 HDI 90 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 HDI 79 KW 06/2001 - 08/2004



Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 16V 100 KW 03/2001 - 08/2004  
 Peugeot 406 2.0 16V 100 KW 08/2000 - 12/2004  
 Peugeot 406 BREAK 2.0 16V 100 KW 10/2000 -



Flat SEICENTO 0.9 29 KW 11/1997 - 12/2008



Flat 500 1.4 74 KW 10/2007 -  
 Flat 500 C 1.4 74 KW 09/2009 -  
 Flat PANDA 1.4 74 KW 10/2006 -



Flat PALIO WEEKEND 1.6 16V 74 KW 06/1996 -



Volvo 850 2.0 93 KW 08/1994 - 12/1996  
 Volvo 850 2.4 103 KW 06/1991 - 12/1996  
 Volvo 850 2.4 125 KW 09/1992 - 12/1996  
 Volvo C70 I 2.4 125 KW 06/1998 - 10/2005  
 Volvo C70 I 2.4 121 KW 03/1999 - 09/2002



Jaguar S-TYPE 2.7 D 152 KW 06/2004 - 10/2007  
 Jaguar S-TYPE II 2.7 D 152 KW 06/2004 - 10/2007  
 Jaguar XF 2.7 D 152 KW 03/2008 - 04/2015  
 Jaguar XF I 2.7 D 152 KW 03/2008 - 04/2015  
 Jaguar XJ D 2.7 152 KW 10/2005 - 03/2009

Flex + CF Kit



Flex + CF Kit

## Dedicated flexible pipes

**d= 61,0mm L= 110,0mm L<sub>f</sub>= 210,0mm**

BMW 1 116 D 85 KW 11/2008 - 09/2012  
 BMW 1 118 D 105 KW 09/2006 - 12/2013  
 BMW 1 118 D 100 KW 03/2007 - 10/2013  
 KIT+Flex FA1 No.: KF100045



BMW - Interlock

**d= 52,5mm L= 190,0mm L<sub>f</sub>= 272,0mm**

BMW 5 525 D 120 KW 02/2000 - 06/2003  
 BMW 5 530 D 135 KW 08/1998 - 06/2003  
 BMW 5 TOURING 525 D 120 KW 02/2000 - 05/2004  
 KIT+Flex FA1 No.: KF100010



BMW - Interlock

**d= 52,5mm L= 190,0mm L<sub>1</sub>= 335,0mm**  
 BMW 5 525 D 120 KW 02/2000 - 06/2003  
 BMW 5 530 D 135 KW 08/1998 - 06/2003  
 BMW 5 TOURING 525 D 120 KW 02/2000 - 05/2004



BMW - Interlock

**d= 70,0mm L= 150,0mm L<sub>1</sub>= 275,0mm**  
 BMW 3 325 D 150 KW 09/2009 - 12/2013  
 BMW 3 330 D 180 KW 02/2008 - 12/2013  
 BMW 3 330 D XDRIVE 180 KW 09/2008 - 12/2011



BMW - Interlock

**d= 64,0mm L= 110,0mm L<sub>1</sub>= 210,0mm**  
 BMW 1 114 D 70 KW 07/2012 - 06/2015  
 BMW 1 116 D 85 KW 12/2010 - 02/2015  
 BMW 1 118 D 100 KW 12/2010 - 06/2019



BMW - Interlock

**d= 52,5mm L= 190,0mm L<sub>1</sub>= 272,0mm**  
 BMW 5 525 D 120 KW 02/2000 - 06/2003  
 BMW 5 530 D 135 KW 08/1998 - 06/2003  
 BMW 5 TOURING 525 D 120 KW 02/2000 - 05/2004



BMW - Superflex

**d= 55,5mm L= 100,0mm L<sub>1</sub>= 135,0mm**  
 BMW 1120 I 110 KW 11/2003 - 09/2012  
 BMW 1120 I 125 KW 09/2006 - 10/2013  
 BMW 3 320 I 125 KW 03/2007 - 10/2013



BMW - Superflex

**d= 45,5mm L= 90,0mm L<sub>1</sub>= 120,0mm**  
 Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 16V 100 KW 03/2001 - 08/2004  
 Peugeot 406 2.0 16V 100 KW 08/2000 - 12/2004



Citroen - Peugeot - Interlock

**d= 54,5mm L= 130,0mm**  
 Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 16V 100 KW 03/2001 - 08/2004  
 Peugeot 307 2.0 16V 100 KW 08/2000 - 06/2005



Citroen - Peugeot - Interlock

**d= 44,0mm d<sub>1</sub>= 58,0mm L= 210,0mm**  
 Fiat Punto



Flat - Inner Braid

**d= 70,0mm L= 150,0mm L<sub>1</sub>= 295,0mm**  
 BMW 5 535 D 200 KW 09/2004 - 03/2010  
 BMW 5 TOURING 535 D 200 KW 09/2004 - 12/2010



BMW - Interlock

**d= 65,0mm L= 110,0mm L<sub>1</sub>= 265,0mm**  
 BMW 5 525 D 130 KW 06/2004 - 03/2010  
 BMW 5 530 D 160 KW 09/2002 - 09/2005  
 BMW 5 TOURING 525 D 130 KW 03/2004 - 03/2007



BMW - Interlock

**d= 60,5mm L= 115,0mm L<sub>1</sub>= 145,0mm**  
 BMW 1 116 I 90 KW 03/2007 - 12/2011  
 BMW 1 118 I 105 KW 09/2006 - 12/2013  
 BMW 3 316 I 90 KW 09/2007 - 06/2013



BMW - Interlock

**d= 52,5mm L= 190,0mm L<sub>1</sub>= 335,0mm**  
 BMW 5 525 D 120 KW 02/2000 - 06/2003  
 BMW 5 530 D 135 KW 08/1998 - 06/2003  
 BMW 5 TOURING 525 D 120 KW 02/2000 - 05/2004



BMW - Superflex

**d= 57,5mm L= 250,0mm L<sub>1</sub>= 305,0mm**  
 Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.2 HDI 98 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 HDI 79 KW 06/2001 - 08/2004



Citroen - Inner Braid

**d= 45,5mm L= 90,0mm L<sub>1</sub>= 127,0mm**  
 Citroen C5 I 1.8 16V 85 KW 03/2001 - 08/2004  
 Citroen C5 I 2.0 16V 100 KW 03/2001 - 08/2004  
 Peugeot 406 2.0 16V 100 KW 08/2000 - 12/2004



Citroen - Peugeot - Interlock

**d= 51,3mm L= 150,0mm L<sub>1</sub>= 305,0mm**  
 Citroen C3 AIRCROSS 1.2 PURETECH 110 81 KW  
 Citroen C4 CACTUS 1.2 THP 110 81 KW 09/2014 -  
 Citroen DS3 1.4 VTi 95 70 KW 04/2010 - 07/2015



Citroen - Peugeot - Interlock

**d= 44,0mm d<sub>1</sub>= 58,0mm L= 230,0mm**  
 Fiat Punto



Flat - Inner Braid

**d= 44,0mm d<sub>1</sub>= 58,0mm L= 210,0mm**  
Fiat Punto



Flat - Inner Braid

**d= 32,0mm d<sub>1</sub>= 45,5mm L= 200,0mm**  
L<sub>1</sub>= 345,0mm  
Fiat Cinquecento



Flat - Inner Braid

**d= 44,0mm d<sub>1</sub>= 58,0mm L= 210,0mm**  
Fiat Punto



Flat - Interlock

**d= 44,0mm d<sub>1</sub>= 58,0mm L= 210,0mm**  
Fiat Punto



Flat - Interlock

**d= 46,0mm L= 200,0mm L<sub>1</sub>= 450,0mm**  
Fiat 500 1.4 74 KW 10/2007 -  
Fiat 500 C 1.4 74 KW 09/2009 -  
Fiat PANDA 1.4 74 KW 10/2006 -



Flat - Interlock

**d= 42mm L= 40mm**  
Jaguar S-TYPE 2.7 D 152 KW 06/2004 - 10/2007  
Jaguar S-TYPE II 2.7 D 152 KW 06/2004 - 10/2007  
Jaguar XF 2.7 D 152 KW 03/2008 - 04/2015



Jaguar

**d= 43,0mm L= 100,0mm L<sub>1</sub>= 220,0mm**  
MERCEDES-BENZ C-CLASS C 320 CDI 165 KW 01/2007  
MERCEDES-BENZ C-CLASS C 320 CDI 4-MATIC 165  
MERCEDES-BENZ C-CLASS C 350 CDI 165 KW



Mercedes -  
Interlock

**d= 60,5mm L= 205,0mm L<sub>1</sub>= 255,0mm**  
MERCEDES-BENZ SPRINTER 3,5-T 310 CDI 70 KW  
MERCEDES-BENZ SPRINTER 3,5-T 311 CDI 80 KW  
MERCEDES-BENZ SPRINTER 3,5-T 313 CDI 95 KW



MERCEDES-BENZ

**d= 44,5mm L= 115,0mm**  
Fiat SEICENTO 0.9 29 KW 11/1997 - 01/2010



Flat - Inner Braid

**d= 35,0mm d<sub>1</sub>= 45,5mm L= 230,0mm**  
L<sub>1</sub>= 315,0mm  
Fiat Cinquecento



Flat - Inner Braid

**d= 44,0mm d<sub>1</sub>= 58,0mm L= 230,0mm**  
Flat Punto



Flat - Interlock

**d= 51,3mm L= 95,0mm**  
Fiat PALIO WEEKEND 1.6 16V 74 KW 04/1996 -



Flat - Interlock

**d= 45,5mm L= 290,0mm**  
Ford FIESTA IV 1.25 I 16V 55 KW 08/1995 - 01/2002  
Ford FIESTA IV 1.4 I 16V 66 KW 04/1996 - 01/2002  
Ford PUMA 1.4 16V 66 KW 11/1997 - 10/2000



Ford - Mazda -  
Inner Braid

**d= 50,0mm L= 210,0mm L<sub>1</sub>= 375,0mm**  
Linde



Linde - Interlock

**d= 76,0mm L= 80,0mm**  
MERCEDES-BENZ SPRINTER 3,5-T 310 CDI 70 KW  
MERCEDES-BENZ SPRINTER 3,5-T 313 CDI 95 KW  
MERCEDES-BENZ SPRINTER 3,5-T 313 CDI 4X4 95 KW



MERCEDES-BENZ

**d= 52,7mm L= 200,0mm L<sub>1</sub>= 390,0mm**  
Flat CROMA 2.2 16V 108 KW 06/2005 -  
Opel SIGNUM 2.2 DIRECT 114 KW 05/2003 -  
Opel SIGNUM HATCHBACK 2.2 DIRECT 114 KW



Opel - Interlock

**d= 51,3mm L= 101,6mm**

Renault ESPACE III 2.0 102 KW 09/2001 - 10/2002  
 Renault ESPACE III 2.0 16V 103 KW 10/1998 - 10/2002


 Renault -  
Interlock

**d= 51,3mm L= 101,6mm**

Renault GRAND SCÉNIC 1.6 83 KW 04/2004 -  
 Renault GRAND SCÉNIC 2.0 120 KW 04/2004 -  
 Renault MEGANE II 1.6 16V 82 KW 11/2002 - 08/2009


 Renault -  
Interlock

**d= 51,3mm L= 101,6mm L<sub>1</sub>= 270,0mm**

Renault MEGANE I 1.4 E 55 KW 01/1996 - 08/2003  
 Renault MEGANE I 1.4 ECO 52 KW 01/1996 - 03/1999  
 Renault MEGANE I 1.6 E 66 KW 01/1996 - 08/2003


 Renault -  
Interlock

**d= 45,5mm L= 95,0mm**

VW POLO CLASSIC 1.0 1.6 74 KW 12/1995 - 09/2001  
 VW POLO III 1.0 1.6 74 KW 12/1995 - 09/2001  
 VW POLO VARIANT 1.6 55 KW 05/1997 - 09/2001  
 KIT+Flex FA1 No.: KFT10070  
 KIT FA1 No.: CF110030



VAG

**d= 45,5mm L= 95,0mm**

Audi A3 1.6 74 KW 09/1996 - 05/2003  
 Seat LEON 1.6 74 KW 11/1999 - 06/2006  
 Seat TOLEDO II 1.6 74 KW 10/1998 - 07/2004  
 KIT+Flex FA1 No.: KFT10025  
 KIT FA1 No.: CF110010



VAG

**d= 45,5mm L= 94,0mm**

VW GOLF III 1.8 66 KW 11/1991 - 04/1999  
 VW PASSAT 1.8 55 KW 08/1990 - 08/1996  
 VW PASSAT B3B4 1.8 55 KW 08/1990 - 05/1997



VAG - Interlock

**d= 46,5mm L= 124,2mm**

Audi A3 1.6 74 KW 09/1996 - 05/2003  
 Seat LEON 1.6 74 KW 11/1999 - 06/2006  
 Seat TOLEDO II 1.6 74 KW 10/1998 - 07/2004



VAG - Interlock

**d= 45,5mm L= 101,6mm**

Seat ALHAMBRA 2.0 I 85 KW 04/1996 - 03/2010  
 VW SHARAN 2.0 85 KW 09/1995 - 03/2010



VAG - Interlock

**d= 51,3mm L= 101,6mm**

Renault MEGANE I 1.4 16V 70 KW 03/1999 - 08/2003  
 Renault MEGANE I 1.8 16V 85 KW 01/2001 - 08/2003  
 Renault MEGANE I 1.9 DCI 75 KW 02/2001 - 08/2003


 Renault -  
Interlock

**d= 51,3mm L= 120,0mm**

Renault LAGUNA II 1.6 16V 79 KW 03/2001 - 08/2007  
 Renault LAGUNA II 1.8 16V 86 KW 03/2001 - 12/2007  
 Renault LAGUNA II 2.0 16V 99 KW 08/2002 - 12/2007


 Renault -  
Interlock

**d= 46,5mm L= 50,0mm**

Audi A3 1.8 92 KW 09/1996 - 05/2003  
 Seat LEON 1.8 20V 92 KW 11/1999 - 06/2006  
 Seat TOLEDO II 1.8 20V 92 KW 10/1998 - 07/2004



VAG

**d= 45,5mm L= 95,0mm**

VAG



VAG

**d= 25,5mm L= 155,0mm**

Audi 80 1.3 40 KW 09/1978 - 07/1981  
 Audi 80 B2 1.3 40 KW 09/1978 - 07/1981  
 VW DERBY 0.9 29 KW 02/1977 - 09/1981



VAG - Interlock

**d= 46,5mm L= 95,0mm**

Seat CORDOBA 1.9 D 47 KW 01/1996 - 08/1996  
 Seat CORDOBA 1.9 SDI 47 KW 08/1996 - 06/1999  
 Seat CORDOBA VARIO 1.9 SDI 47 KW 09/1996 -



VAG - Interlock

**d= 54,5mm L= 115,0mm**

Audi A4 1.6 74 KW 11/1994 - 10/2000  
 Audi A4 1.8 92 KW 11/1994 - 11/2000  
 Audi A4 1.8 QUATTRO 92 KW 01/1995 - 11/2000



VAG - Interlock

**d= 45,5mm L= 300,0mm**

Seat CORDOBA 1.2 47 KW 10/2002 - 06/2006  
 Seat CORDOBA 1.2 12V 51 KW 05/2006 - 11/2009  
 Seat IBIZA III 1.2 47 KW 02/2002 - 05/2008



VAG - Interlock

## EXHAUST FLEXIBLE PIPES



Item:	<b>Auto Exhaust Flexible Pipe With Double Braid</b>
ID:	1.5-5"
Length:	4-12"
Material:	SS201;SS304
Construction:	Outer Braid +Double Layers Bellow+Inner Braid+Collar
Cap Material:	SS201;SS304



Item:	<b>Auto Exhaust Flexible Pipe Without Inner Liner</b>
ID:	1.5-5"
Length:	4-12"
Material:	SS201;SS304
Construction:	Outer Braid +Double Layers Bellow+Collar
Cap Material:	SS201;SS304



Item:	<b>Auto Exhaust Flexible Pipe With Interlock</b>
ID:	1.5-5"
Length:	4-12"
Material:	SS201;SS304
Construction:	Outer Braid+Double Layers Bellow+Interlock+Collar
Cap Material:	SS201;SS304;409

## EXHAUST FLEXIBLE PIPES



Item:	<b>Auto Exhaust Flexible Pipe With Interlock</b>
ID:	1.5-5"
Length:	4-12"
Material:	SS201;SS304
Construction:	Outer Wire-mesh+Double Layers Bellow+Interlock+Collar
Cap Material:	SS201;SS304;409



Item:	<b>Double Braid Auto Exhaust Flexible Pipe With Nipple</b>
ID:	1.5-5"
Length:	4-12"
Material:	SS201;SS304
Construction:	Outer Braid +Double Layers Bellow+Inner Braid+Collar+Nipple
Extension Pipe:	Material:Stainless iron aluminized tube or 409 material; Thickness :1.5mm; Normal Length: 2.0 inch
Cap Material:	SS201;SS304



Item:	<b>Wire-mesh Auto Exhaust Flexible Pipe With Nipple</b>
ID:	1.5-5"
Length:	4-12"
Material:	SS201;SS304
Construction:	Wire-mesh+Double Layers Bellow+Interlock+Collar+Nipple
Extension Pipe:	Material:Stainless iron aluminized tube or 409 material; Thickness :1.5mm; Normal Length: 2.0 inch
Cap Material:	SS201;SS304

## EXHAUST FLEXIBLE PIPES



Item: **Auto Exhaust Flex Bellow**

ID: 1.5-5"

Length: 4-12"

Material: SS201;SS304

Construction: Double Layers Bellow



Item: **Auto Exhaust Flex Bellow With Smooth Liner**

ID: 1.5-4"

Length: 4-6"

Material: SS201;SS304

Construction: Double Layers Bellow+Pipe+Collar

Cap Material: SS201;SS304

## **CONTACT INFORMATION**

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