

MULTI-PLY ENGINE EXHAUST BELLOWS

Duraflex Multi-ply Exhaust Bellows is specifically designed to handle the stresses of today's modern engines. Manufactured from thin wall stainless steel, our multi-ply bellows are robust yet flexible enough to accept the high demands of frequent starts & stops as well as minimize the effects of vibration. This will ensure a longer lasting, higher cycle life bellows for your application.



MARKETS SERVED

- Agriculture
- Power Distribution
- Marine
- Construction
- Oil Platform
- Power Generation
- Mining
- Ship Building
- Forestry
- Skid Steer



APPLICATIONS

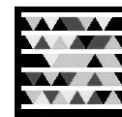
- OEM Engines
- Generator Sets
- Marine Propulsion
- Gas Turbine Exhaust
- Power Units
- Auxiliary System Piping
- After Treatment Emission Control

FEATURES

- 3" thru 24" Pipe Size Diameters
- Designed specifically for Internal Engine Exhaust Applications.
- Variety of End Fittings available: fixed flange, weld ends, fixed x floating flange, marmon, tube ends, integrated hydroformed ends & custom configurations.
- Engineering Design & Configuration assistance upon request.

ADVANTAGES

- Leak tight solutions for Tier III/IV applications.
- High heat resistant to increased thermal excursions.
- Custom end fittings & flanges available.
- Small run prototyping.
- Engineering system & component analysis available.
- Most sizes in stock.
- Multi-plyed to reduce harmful effects of vibration.
- Single, dual or triple capsules available in a single assembly.
- Standards include short, medium & long length versions.
- Perfect balance of strength & flexibility.
- High motion capabilities for offset, misalignment & vibratory conditions.



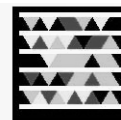


STANDARD MULTI-PLY EXHAUST BELLOWS

NOMINAL PIPE SIZE ID *	DURAFLEX PART NUMBERS	LIVE LENGTH	OVERALL LENGTH	AXIAL MOVEMENT	LATERAL MOVEMENT	AXIAL SPRING RATE #/in.	LATERAL SPRING RATE #/in.
3"	030P-MB1-BRW-5	3.0"	5.0"	1.00"	0.21"	140	545
3"	030P-MB1-BRW-7	5.0"	7.0"	1.50"	0.55"	86	120
3"	030P-MB1-BRW-10	8.0"	10.0"	2.50"	1.45"	53	29
3"	030P-MB1-BRW-12	10.0"	12.0"	3.00"	1.70"	43	15
4"	040P-MB1-BRW-5	3.0"	5.0"	1.00"	0.17"	175	1056
4"	040P-MB1-BRW-7	5.0"	7.0"	1.50"	0.43"	107	231
4"	040P-MB1-BRW-10	8.0"	10.0"	2.50"	1.15"	72	60
4"	040P-MB1-BRW-12	10.0"	12.0"	3.00"	1.59"	60	31
5"	050P-MB1-BRW-5	3.0"	5.0"	1.00"	0.15"	417	3756
5"	050P-MB1-BRW-7	5.0"	7.0"	1.50"	0.38"	255	823
5"	050P-MB1-BRW-10	8.0"	10.0"	2.50"	0.94"	164	207
5"	050P-MB1-BRW-12	10.0"	12.0"	3.00"	1.40"	143	111
6"	060P-MB1-BRW-5	3.0"	5.0"	1.00"	0.13"	384	4789
6"	060P-MB1-BRW-7	5.0"	7.0"	1.50"	0.30"	235	1049
6"	060P-MB1-BRW-10	8.0"	10.0"	2.50"	0.81"	163	284
6"	060P-MB1-BRW-12	10.0"	12.0"	3.00"	1.20"	132	142
8"	080P-MB1-BRW-5	3.0"	5.0"	1.00"	0.09"	595	11235
8"	080P-MB1-BRW-7	5.0"	7.0"	1.50"	0.21"	372	2663
8"	080P-MB1-BRW-10	8.0"	10.0"	2.50"	0.64"	230	665
8"	080P-MB1-BRW-12	10.0"	12.0"	3.00"	0.94"	203	370
10"	100P-MB1-B-5	3.0"	5.0"	1.00"	0.07"	783	26196
10"	100P-MB1-B-7	5.0"	7.0"	1.50"	0.17"	516	5857
10"	100P-MB1-B-10	8.0"	10.0"	2.50"	0.51"	318	1409
10"	100P-MB1-B-12	10.0"	12.0"	3.00"	0.77"	258	733
12"	120P-MB1-B-5	3.0"	5.0"	1.00"	0.06"	2264	105261
12"	120P-MB1-B-7	5.0"	7.0"	1.50"	0.15"	1358	21640
12"	120P-MB1-B-10	8.0"	10.0"	2.50"	0.43"	899	5639
12"	120P-MB1-B-12	10.0"	12.0"	3.00"	0.64"	750	2935
14"	140P-MB1-B-8	5.0"	8.0"	1.00"	0.13"	1059	18056
14"	140P-MB1-B-11.5	8.5"	11.5"	2.00"	0.46"	626	3824
16"	160P-MB1-B-8	5.0"	8.0"	1.00"	0.12"	860	19089
16"	160P-MB1-B-11.5	8.5"	11.5"	2.00"	0.40"	507	4038
18"	180P-MB1-B-8	5.0"	8.0"	1.00"	0.10"	688	19282
18"	180P-MB1-B-11.5	8.5"	11.5"	2.00"	0.29"	423	4257
20"	200P-MB1-B-8	5.0"	8.0"	1.00"	0.08"	913	31636
20"	200P-MB1-B-11.5	8.5"	11.5"	2.00"	0.26"	533	6557
22"	220P-MB1-B-8	5.0"	8.0"	1.00"	0.06"	772	32868
22"	220P-MB1-B-11.5	8.5"	11.5"	2.00"	0.22"	463	7472
24"	240P-MB1-B-8	5.0"	8.0"	1.00"	0.05"	1166	123519
24"	240P-MB1-B-11.5	8.5"	11.5"	2.00"	0.18"	499	10348

* Bellows ID will fit over nominal PIPE size outside diameters.

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