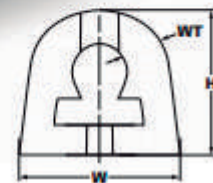


100 Series

TAPERED D-SHAPE / KEY BORE

The Duramax® Tapered D-shaped, Key-bore is designed for marine and industrial applications. Provides protection for small vessels, docks, loading docks, trucks and other equipment. Offered in three EPDM colors: black, non-marking grey, and white. Also see our 90 degree molded corner guard/end caps and poly washer strips.



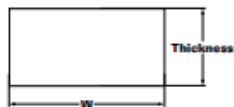
CODE NO.	DURAMAX® PART NO.	BASE WIDTH (W)	HEIGHT (H)	WALL THICKNESS (WT)	WT./FT.	LENGTH UP TO*
DB-50	802005001	2 1/8"	2"	7/16"	1.2 LBS.	60 FT.
DB-75	802007501	3 1/8"	2 7/8"	11/16"	2.6 LBS.	60 FT.
DB-100	802009001	4 1/4"	3 7/8"	3/4"	5.1 LBS.	60 FT.

*Max. length for white and grey are 20 FT.

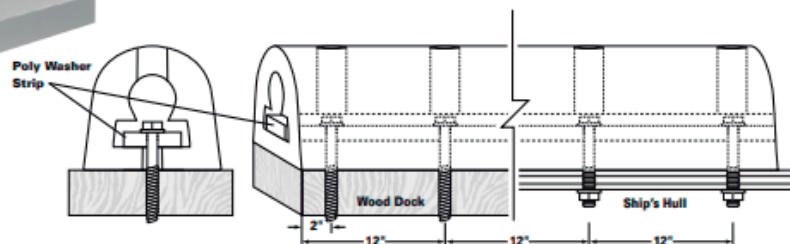
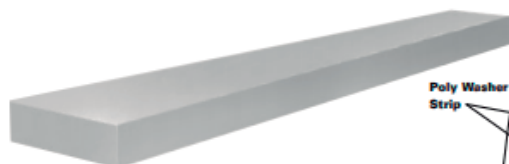
Reaction load, deflection and energy absorption data can be found on next page. Contact Duramax Marine customer service for further information.

100 Series Poly Washer Strip

Supplied in 10-foot sections, our tough polycarbonate washer strip slides inside the Key-bore for mounting.

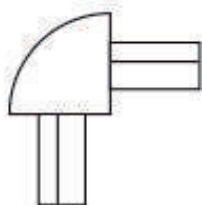


CODE NO.	DURAMAX® PART NO.	WIDTH	THICKNESS	LENGTH
DB-50NS	802000025	1"	3/8"	10 FT.
DB-75NS	802000026	1 1/4"	3/8"	10 FT.
DB-100NS	802000027	1 3/4"	3/8"	10 FT.



90° Molded Insert Corners / End Caps

Insert the legs of these molded EPDM corners into the bore of the DB 50, 75 and 100 for a 90 degree corner. Or one side of the insert may be cut off and used to mount flush to vessel or structure and cap off the end of the extrusion. Stocked in black, grey and white.

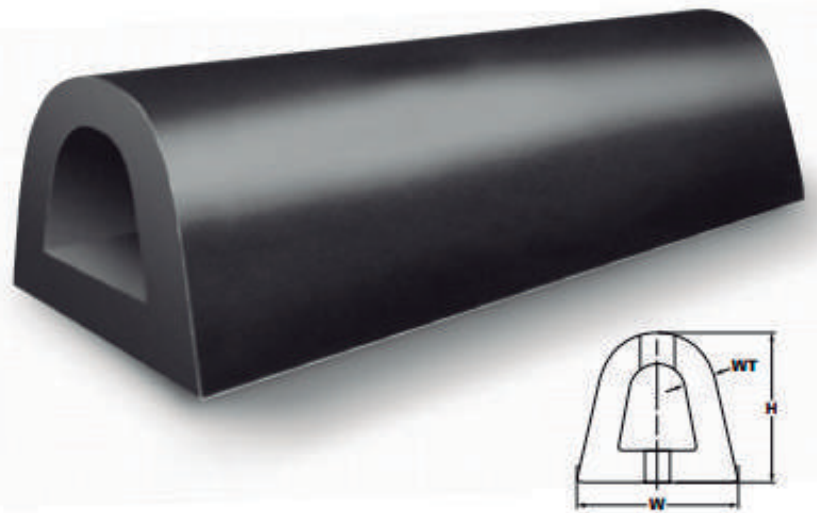


	CODE NO.	DURAMAX® PART NO.	COLOR
DB-50	DB-51	802005101	BLACK
	DB-52	802005202	GREY
	DB-53	802005303	WHITE
DB-75	DB-76	802007601	BLACK
	DB-77	802007702	GREY
	DB-78	802007803	WHITE
DB-100	DB-103	802009301	BLACK
	DB-104	802009402	GREY
	DB-105	802009503	WHITE

100 SERIES *(CONTINUED)*

TAPERED D-SHAPE / D-BORE

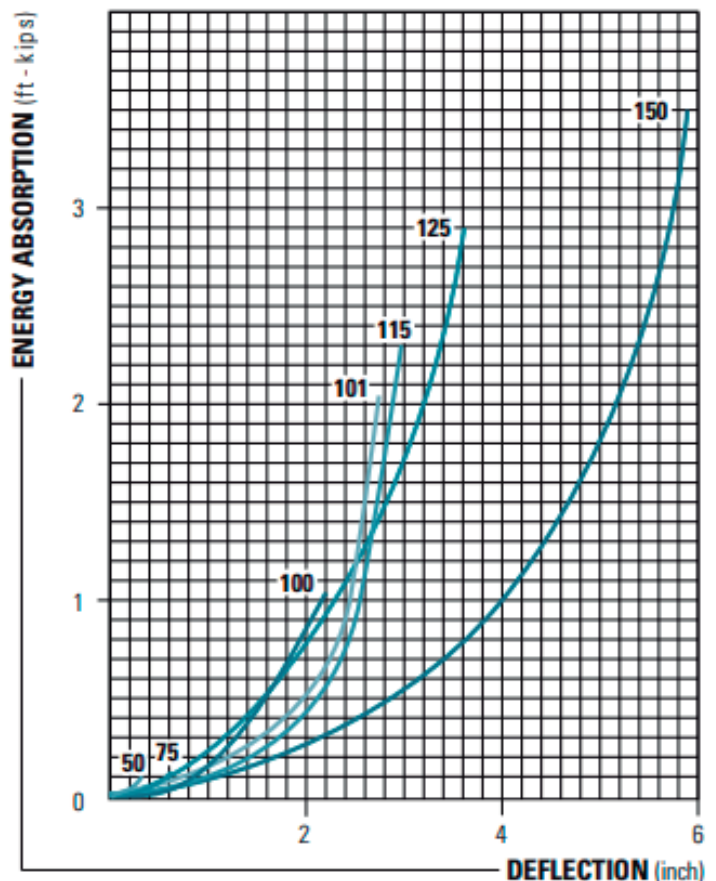
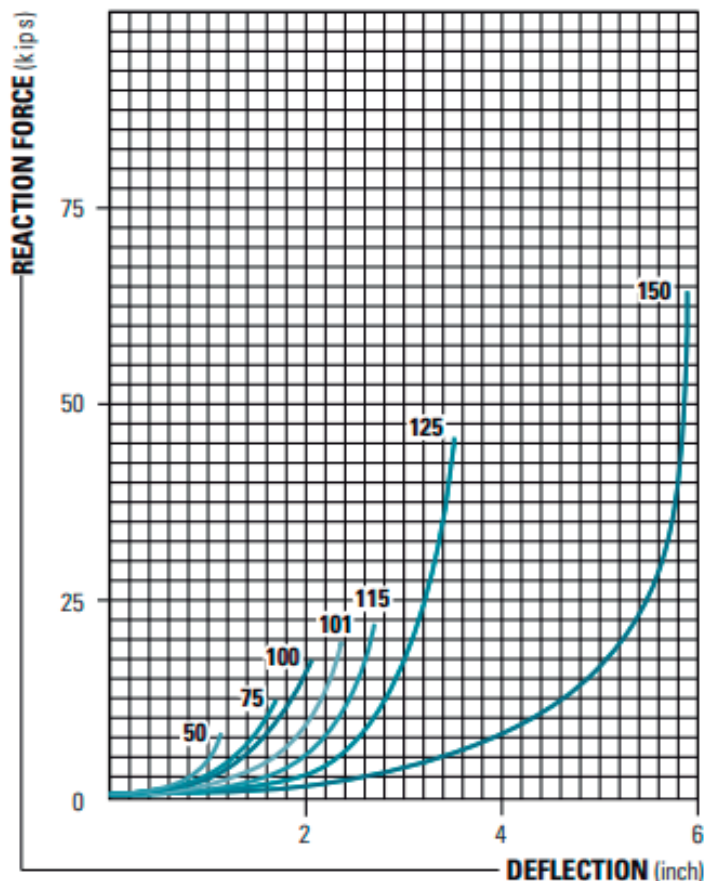
Tapered D-shape offers a slightly different look than the Key-bore cross sections. Also used in marine and industrial applications. Offered in three EPDM colors: black, non-marking grey and white.



CODE NO.	DURAMAX [®] PART NO.	BASE WIDTH (W)	HEIGHT (H)	WALL THICKNESS (WT)	WT./FT.	LENGTH UP TO*
DB-101	802010101	4 1/4"	3 7/8"	3/4"	4.7 LBS.	60 FT.
DB-115	802011501	4 1/2"	3 3/4"	3/4"	4.5 LBS.	60 FT.
DB-125	802012501	6 3/4"	6"	1 1/2"	12.7 LBS.	20 FT.
DB-150	802015001	9 1/2"	8"	1 1/2"	18.7 LBS.	20 FT.

*Max. length for white and grey are 20 FT.

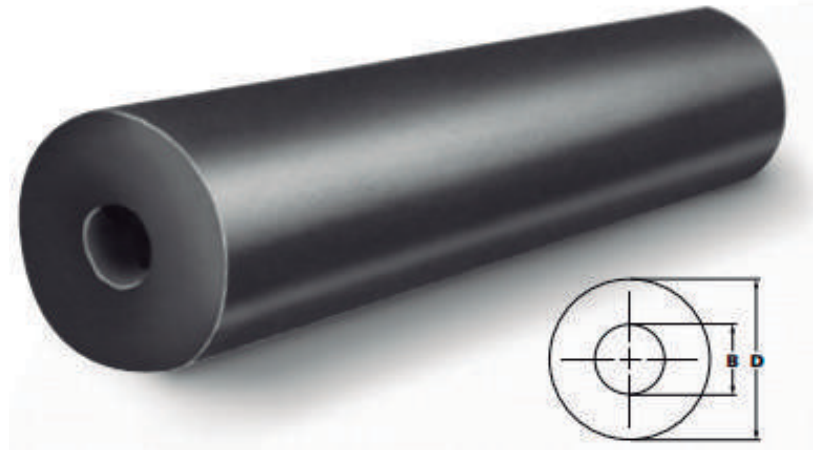
Pictures here may not accurately depict the amount of taper found in this cross section. Contact Duramax Marine[®] for drawing.



200 Series

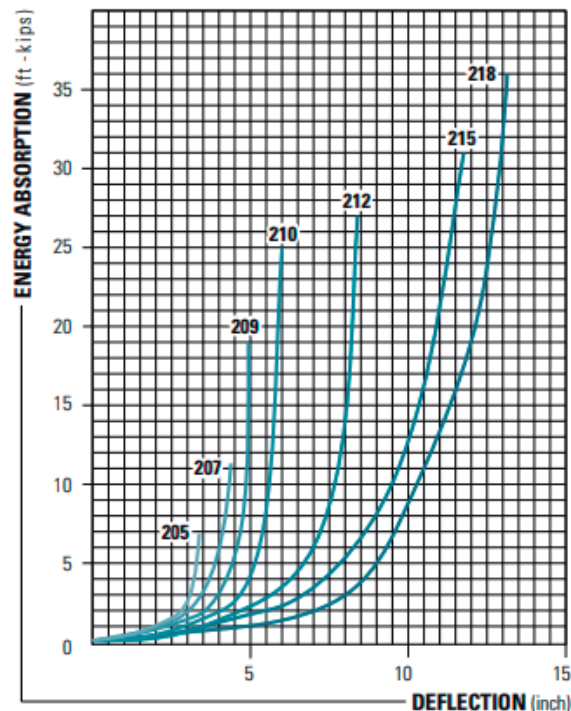
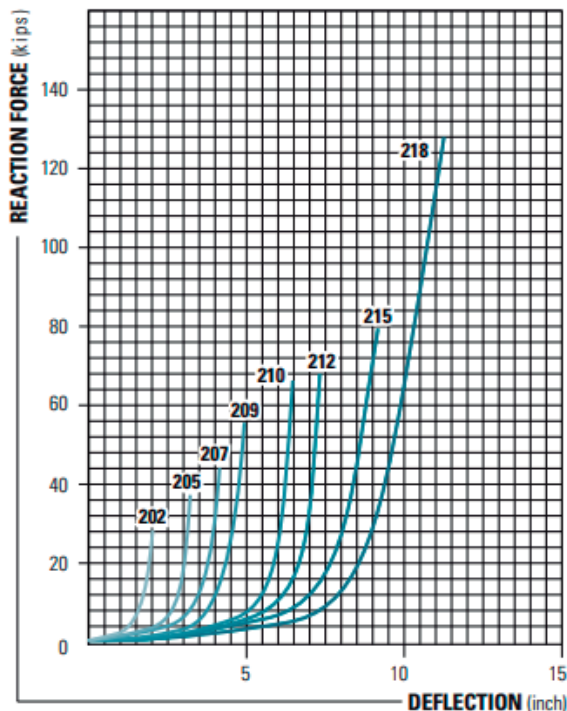
CYLINDRICAL / O-BORE

Cylindrical fenders are typically hung by running chain through the bore. These durable fenders come in various diameters to meet many different applications and conditions. Offered in three EPDM colors: black, non-marking grey and white.



CODE NO.	DURAMAX [®] PART NO.	OUTSIDE DIAMETER (D)	BORE (B)	WT./FT.	LENGTH UP TO*
DB-202	802020201	3"	1"	3.3 LBS.	60 FT.
DB-203	802020301	3"	1 1/2"	2.8 LBS.	60 FT.
DB-205	802020501	5"	2 1/2"	7.7 LBS.	20 FT.
DB-206	802020601	7"	3"	16.5 LBS.	20 FT.
DB-207	802020701	7"	3 1/2"	15.1 LBS.	20 FT.
DB-208	802020801	8"	4"	19.8 LBS.	20 FT.
DB-210	802021001	10"	5"	30.9 LBS.	20 FT.
DB-212	802021201	12"	6"	44.5 LBS.	20 FT.
DB-215	802021501	15"	7 1/2"	69.5 LBS.	20 FT.
DB-218	802021801	18"	9"	100 LBS.	10 FT.

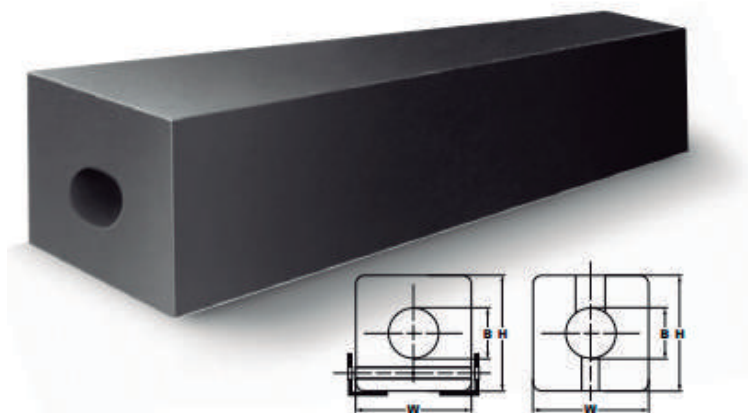
*Max. length for white and grey are 20 FT.



300 Series

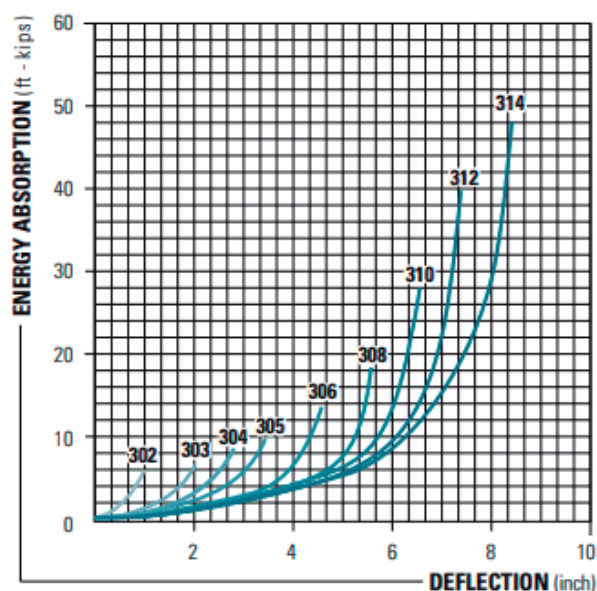
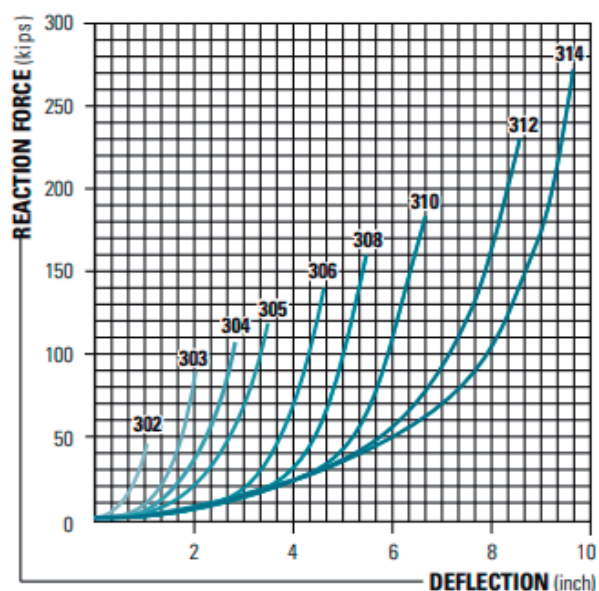
RECTANGULAR / O-BORE

Mounted vertically or horizontally to provide good protection to docks and vessels. Typical mounting is in a channel with through hole across the base of fender. Offered in three EPDM colors: black, non-marking grey and white.



CODE NO.	DURAMAX® PART NO.	HEIGHT (H)	WIDTH (W)	BORE (B)	WT./FT.	LENGTH UP TO*
DB-302	802030201	2"	4"	SOLID	4.2 LBS.	60 FT.
DB-303	802030301	3 1/2"	4 1/2"	1"	7.7 LBS.	60 FT.
DB-304	802030401	5"	5"	2 1/2"	10.3 LBS.	20 FT.
DB-305	802030501	5"	6 1/2"	2 1/2"	14.4 LBS.	20 FT.
DB-305A	802030511	5 1/2"	6"	2 1/2"	14.7 LBS.	20 FT.
DB-306	802030601	6"	6 1/2"	2 1/2"	17.8 LBS.	20 FT.
DB-306A	802030611	6"	6"	2 7/8"	15.4 LBS.	20 FT.
DB-306B	802030621	6"	7"	2 1/2"	19.4 LBS.	20 FT.
DB-307	802030701	7"	10"	3"	33 LBS.	20 FT.
DB-307A	802030711	7"	10"	3 1/2"	31.6 LBS.	20 FT.
DB-308	802030801	8"	8"	3"	29.8 LBS.	20 FT.
DB-309	802030901	8"	10"	3"	38.2 LBS.	20 FT.
DB-309A	802030911	9"	10"	SOLID	47.1 LBS.	20 FT.
DB-310	802031001	10"	10"	4"	45.4 LBS.	20 FT.
DB-311	802031101	10"	12"	4"	55.9 LBS.	20 FT.
DB-312	802031201	12"	12"	5"	64.7 LBS.	20 FT.
DB-313	802031301	12"	12"	4"	68.4 LBS.	20 FT.
DB-314	802031401	14"	14"	6"	87.5 LBS.	20 FT.

*Max. length for white and grey are 20 FT.



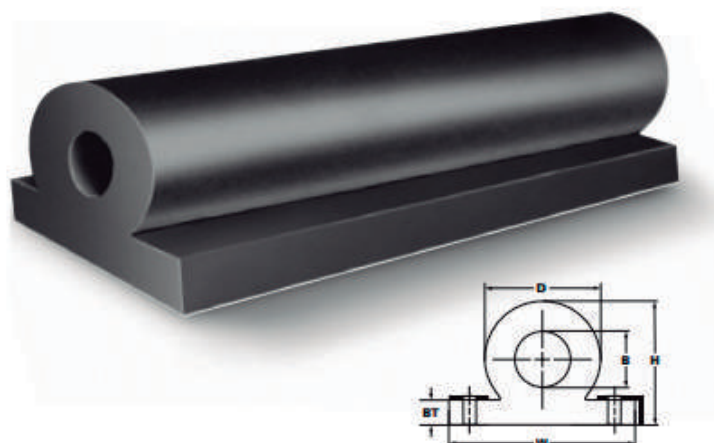
WING TYPE O-BORE

Designed for easy attachment to vessels and docks.

Drill and bolt fender to structure using the integral wings.

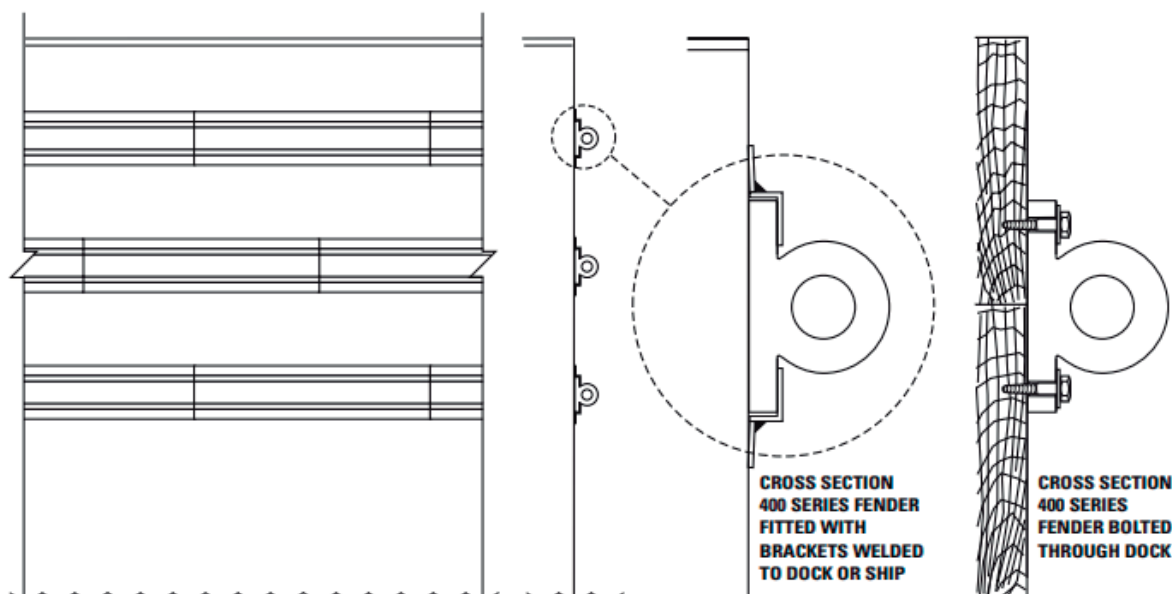
Eliminates need for mounting holes on the facing. Offered in three

EPDM colors: black, non-marking grey and white.



CODE NO.	DURAMAX® PART NO.	HEIGHT (H)	BASE WIDTH (W)	BASE THICKNESS (BT)	OUTSIDE DIAM. (D)	BORE DIAM. (B)	WT./FT.	LENGTH UP TO*
DB-404	802040401	2 1/2"	4"	1/2"	2 1/2"	1"	2.8 LBS.	60 FT.
DB-405	802040501	2 1/2"	5"	1/2"	2 1/2"	1"	3.1 LBS.	60 FT.
DB-406	802040601	3"	6"	3/4"	3"	1"	4.9 LBS.	60 FT.
DB-407	802040701	4"	6 1/2"	1"	4"	2"	7.1 LBS.	60 FT.
DB-408	802040801	4"	6 1/2"	1"	4"	1"	8.3 LBS.	20 FT.
DB-409	802040901	6"	9"	1 1/2"	6"	3"	15.3 LBS.	20 FT.
DB-409A	802040911	6"	9"	1 1/2"	6"	2"	17.4 LBS.	20 FT.
DB-410	802041001	6"	9 1/2"	1 1/2"	6"	2"	17.7 LBS.	20 FT.
DB-412	802041201	8"	12"	2"	8"	4"	27.2 LBS.	20 FT.
DB-416	802041601	10"	16"	2 1/2"	10"	4"	47.5 LBS.	20 FT.
DB-418	802041801	12"	18"	3"	12"	6"	61.2 LBS.	10 FT.

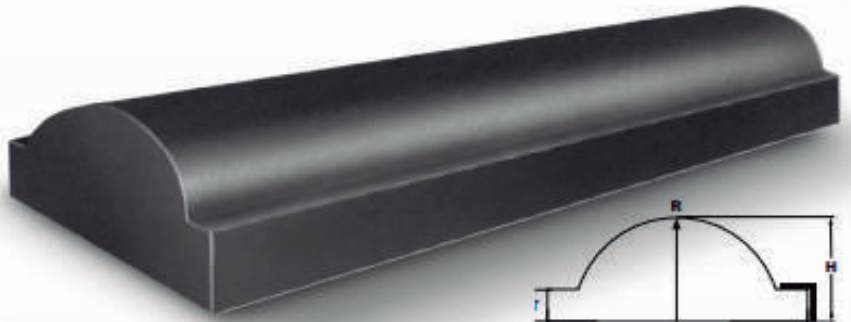
*Max. length for white and grey are 20 FT.



400 SERIES *(CONTINUED)*

WING TYPE SOLID

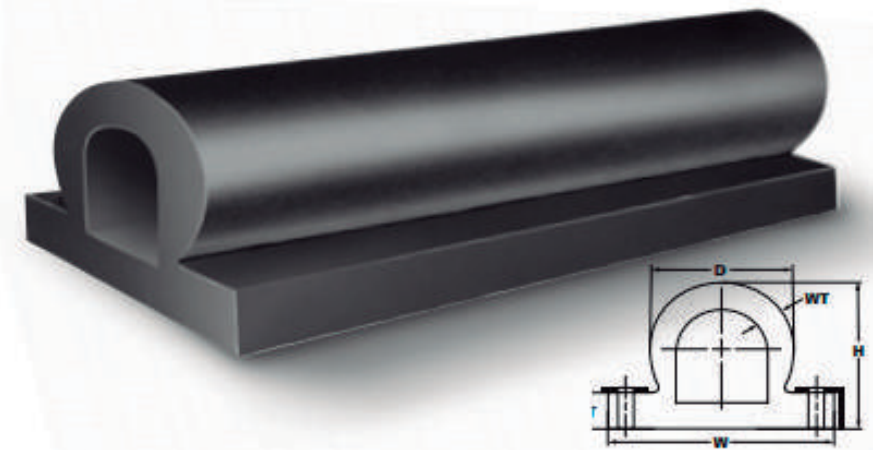
Manufactured in black, non-marking grey and white EPDM



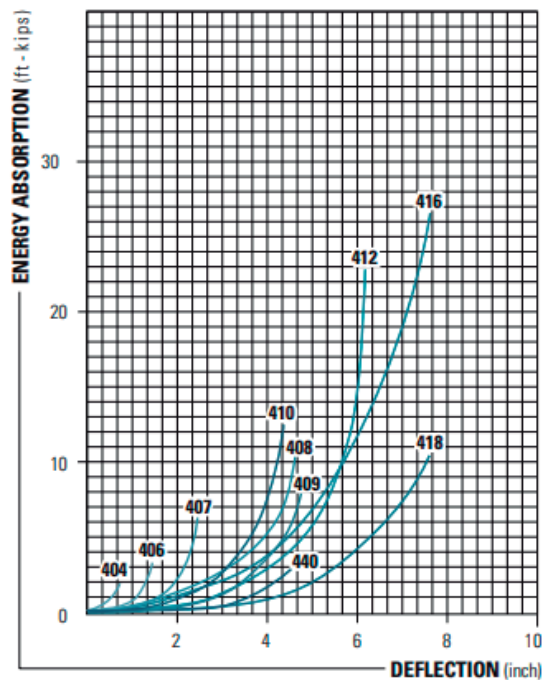
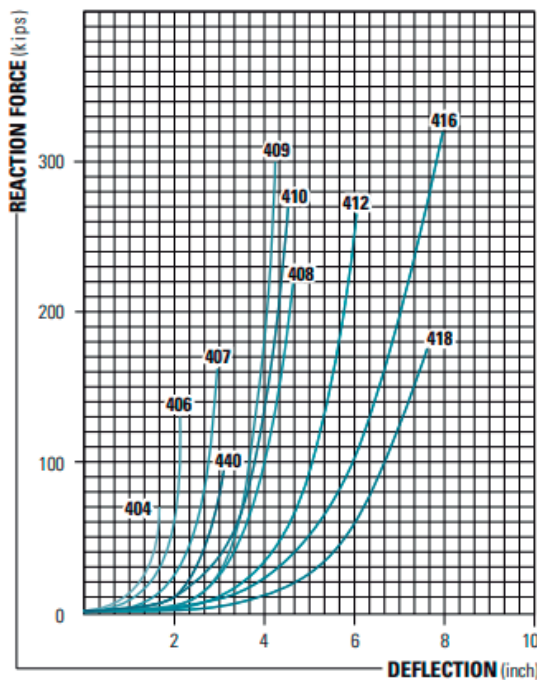
CODE NO.	DURAMAX® PART NO.	HEIGHT (H)	BASE WIDTH (W)	BASE THICKNESS (BT)	RADIUS (R)	WT./FT.	LENGTH UP TO
DB-460	802046001	4"	10"	1 1/4"	4"	14.6 LBS.	20 FT.

WING TYPE D-BORE

Manufactured in black, non-marking grey and white EPDM



CODE NO.	DURAMAX® PART NO.	HEIGHT (H)	BASE WIDTH (W)	BASE THICKNESS (BT)	OUTSIDE DIAM. (D)	WALL THICKNESS (WT)	WT./FT.	LENGTH UP TO
DB-440	802044001	6"	9 1/2"	1 1/2"	6"	1"	14.9 LBS.	20 FT.

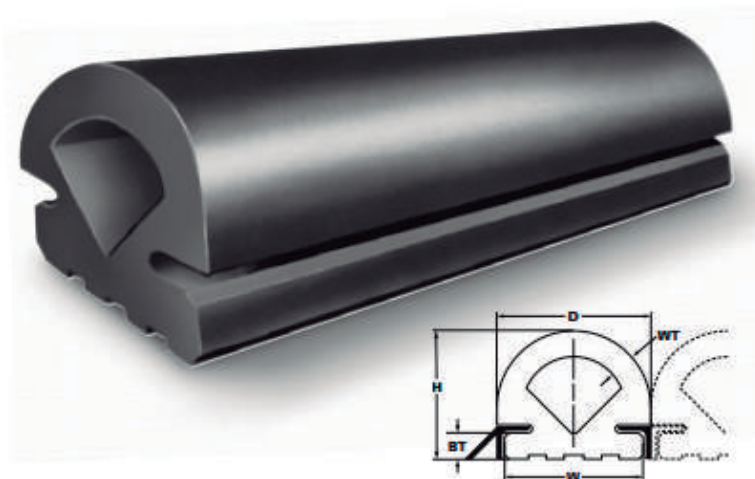


500 Series

FAN NOSE

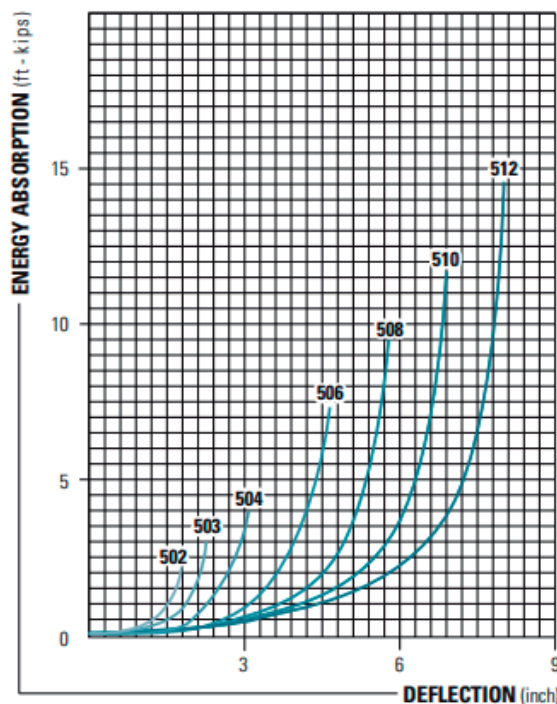
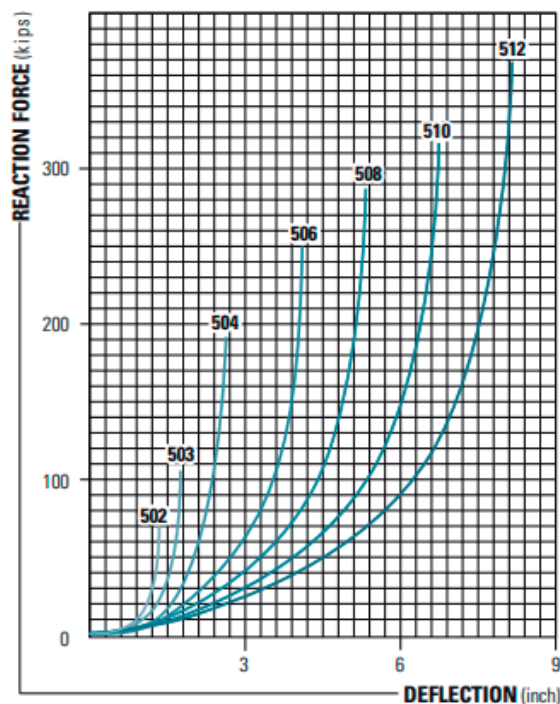
For a professional looking D-shaped installation try our fan nose bumper. Held on the vessel, truck or dock in an angle iron channel, no mounting holes are necessary.

Offered in three EPDM colors: black, non-marking grey and white.



CODE NO.	DURAMAX® PART NO.	HEIGHT (H)	BASE WIDTH (W)	BASE THICKNESS (BT)	OUTSIDE DIAM. (D)	WALL THICKNESS (WT)	WT./FT.	LENGTH UP TO*
DB-502	802050201	2"	2 1/2"	17/32"	2 1/2"	5/8"	1.8 LBS.	60 FT.
DB-503	802050301	2 1/2"	2 1/2"	17/32"	3"	5/8"	2.5 LBS.	60 FT.
DB-504	802050401	3 1/2"	3 5/8"	25/32"	4 1/4"	3/4"	4.7 LBS.	60 FT.
DB-506	802050601	5"	5 7/16"	1"	6"	1"	9.0 LBS.	20 FT.
DB-508	802050801	6"	7 1/4"	1 3/16"	8"	1 1/2"	15.5 LBS.	20 FT.
DB-510	802051001	8"	9 1/4"	1 11/16"	10"	1 1/2"	24.8 LBS.	20 FT.
DB-512	802051201	8"	11"	2"	12"	2"	28.6 LBS.	20 FT.

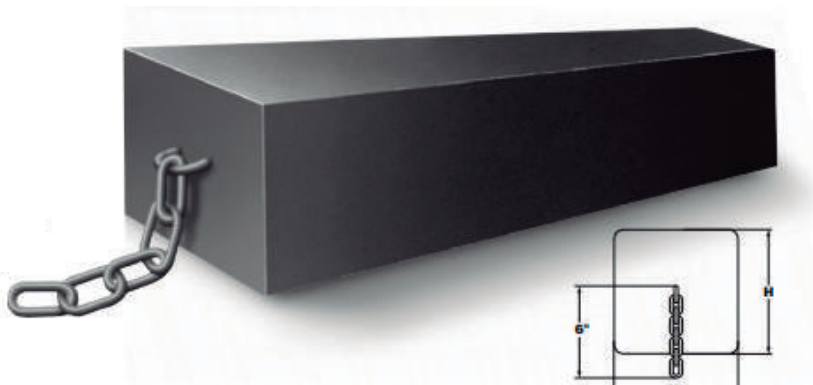
*Max. length for white and grey are 20 FT.



RECTANGULAR CHAIN

Unique Duramax® rectangular solid bumper is extruded with a continuous chain throughout the length of the piece.

Standard leaders on ends are 6 inches long, but longer lengths are available upon request.



CODE NO.	DURAMAX® PART NO.	BASE WIDTH (W)	HEIGHT (H)	CHAIN SIZE	WT./FT.	PROOF COIL CHAIN LOAD LIMIT	ALLOY CHAIN LOAD LIMIT
DB-604	802060401	5"	5"	1/2"	14 LBS.	4250 LBS.	11250 LBS.
DB-605	802060501	6 1/2"	5"	1/2"	18 LBS.	4250 LBS.	11250 LBS.
DB-606	802060601	6 1/2"	6"	1/2"	22 LBS.	4250 LBS.	11250 LBS.
DB-608	802060801	8"	8"	1/2"	36 LBS.	4250 LBS.	11250 LBS.
DB-609	802060901	10"	8"	5/8"	46 LBS.	6375 LBS.	16500 LBS.
DB-610	802061001	10"	10"	5/8"	65 LBS.	6375 LBS.	16500 LBS.
DB-612	802061201	12"	12"	5/8"	85 LBS.	6375 LBS.	16500 LBS.
DB-614	802061401	14"	14"	5/8"	110 LBS.	6375 LBS.	16500 LBS.

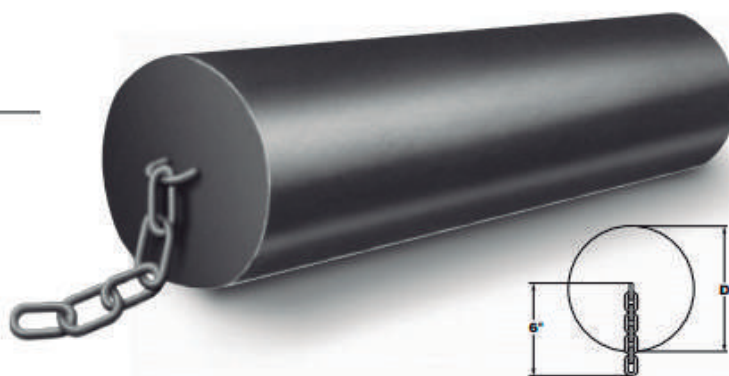
*Max. length for white and grey are 20 FT.

700 SERIES

CYLINDRICAL CHAIN

Unique Duramax® cylindrical solid bumper is extruded with a continuous chain throughout the length of the piece.

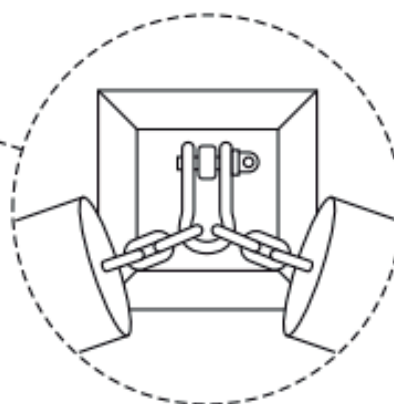
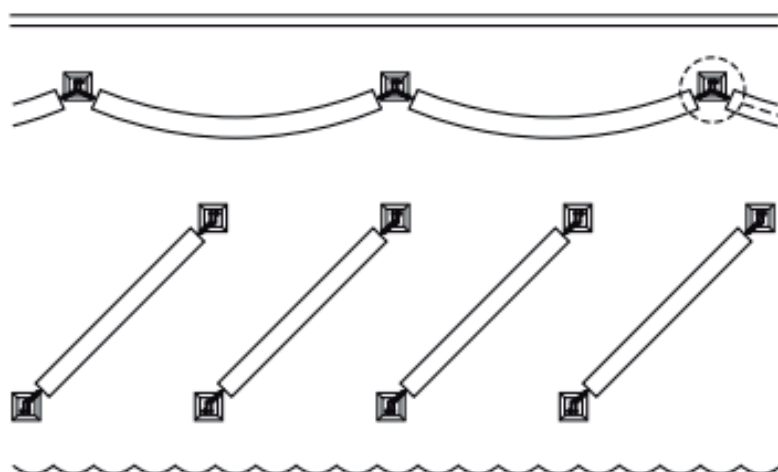
Standard leaders on ends are 6 inches long, but longer lengths are available upon request.



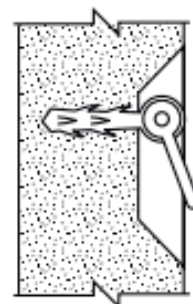
CODE NO.	DURAMAX® PART NO.	OUTSIDE DIAM. (D)	CHAIN SIZE	APPROX. WT./FT.	PROOF COIL CHAIN LOAD LIMIT	ALLOY CHAIN LOAD LIMIT
DB-705	802070501	5"	1/2"	12 LBS.	4250 LBS.	11250 LBS.
DB-706	802070601	6"	1/2"	16 LBS.	4250 LBS.	11250 LBS.
DB-707	802070701	7"	1/2"	23 LBS.	4250 LBS.	11250 LBS.
DB-708	802070801	8"	5/8"	30 LBS.	6375 LBS.	16500 LBS.
DB-709	802070901	9"	5/8"	37 LBS.	6375 LBS.	16500 LBS.
DB-710	802071001	10"	3/4"	47 LBS.	9125 LBS.	23000 LBS.
DB-711	802071101	11"	3/4"	55 LBS.	9125 LBS.	23000 LBS.
DB-712	802071201	12"	1"	68 LBS.	12400 LBS.	38750 LBS.

*Max. length for white and grey are 20 FT.

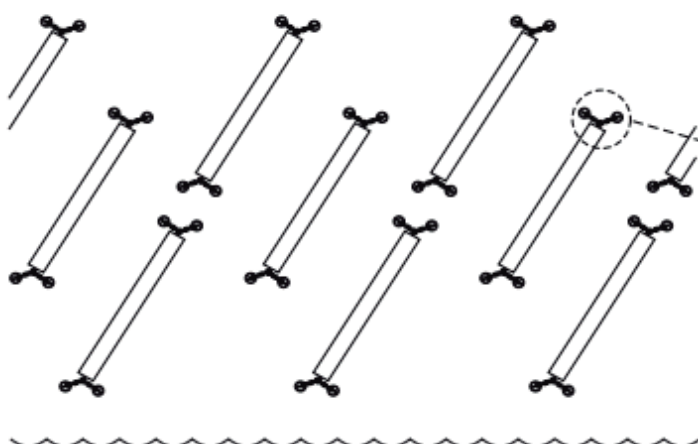
600 & 700 SERIES Configurations



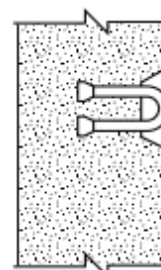
DETAIL OF "EYEBOLT" & FENDER WITH EMBEDDED CHAIN



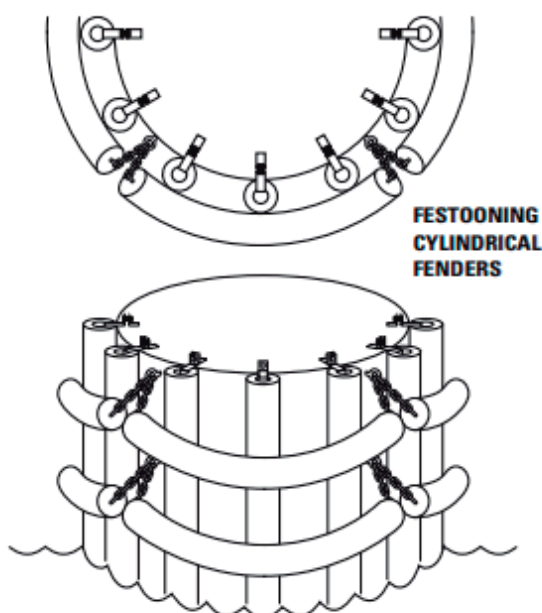
CROSS SECTION OF RECESSED "EYEBOLT" EMBEDDED IN CONCRETE



DETAIL OF "EYE RING" & FENDER WITH EMBEDDED CHAIN



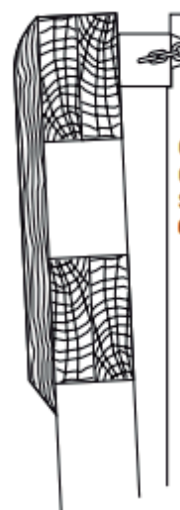
CROSS SECTION OF RECESSED "EYE RING" EMBEDDED IN CONCRETE



FESTOONING CYLINDRICAL FENDERS



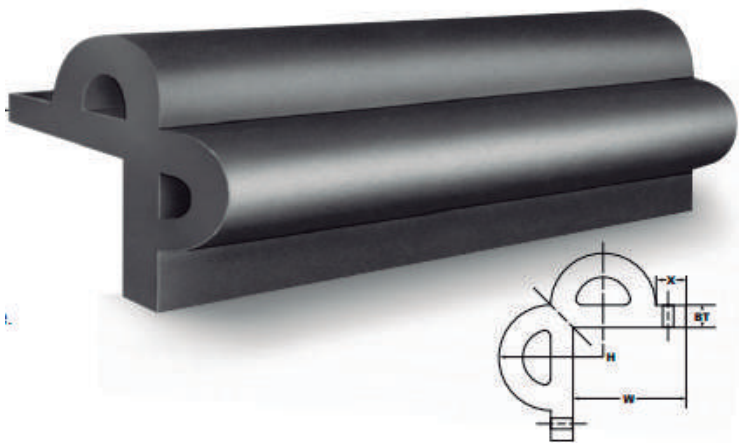
CROSS SECTION OF DOCK FRONTAL SYSTEM WITH 700 SERIES FENDER



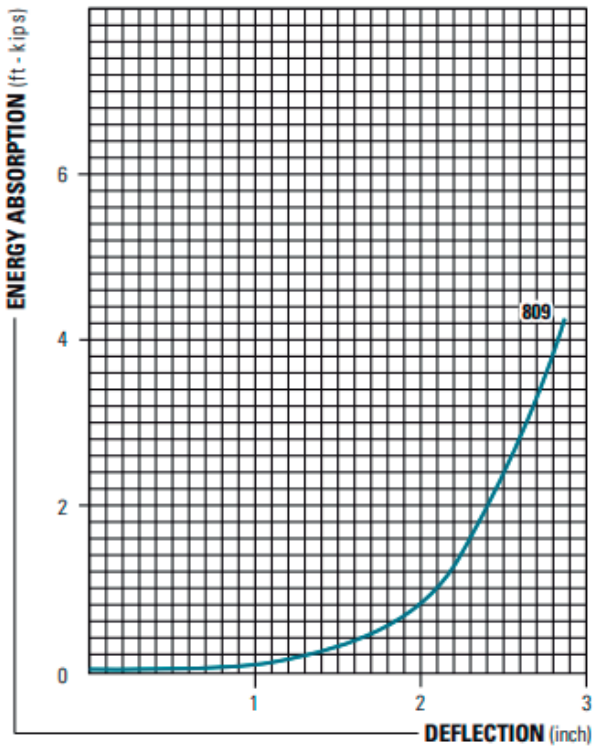
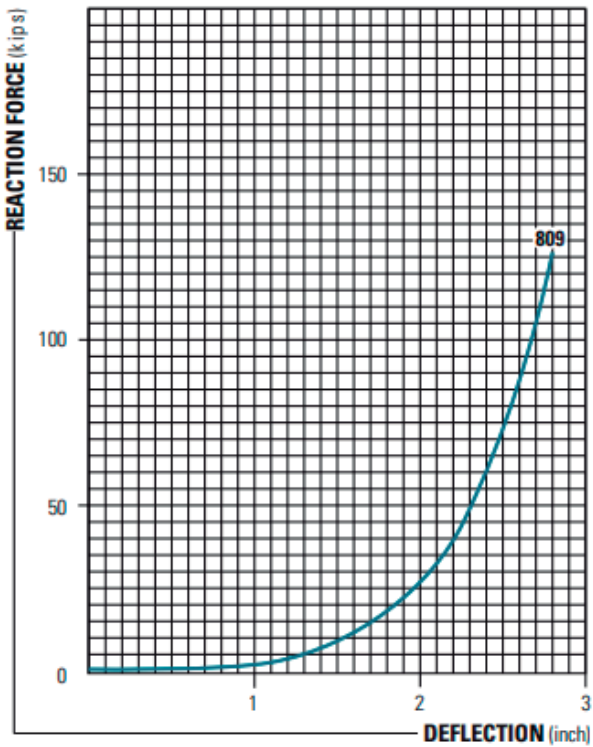
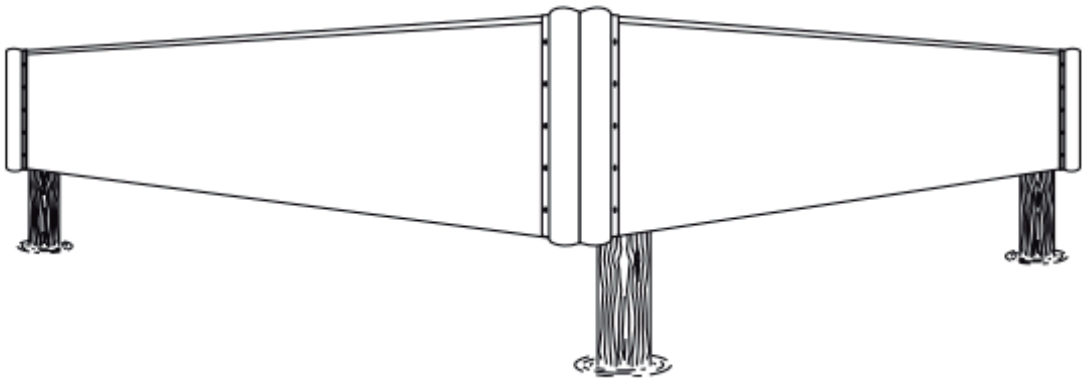
CROSS SECTION OF DOCK FRONTAL SYSTEM WITH 600 SERIES FENDER

CORNER GUARD

The Duramax® Corner Guard fender is designed to give optimal protection to 90 degree corners. Extrusion has 2" wings for easy fastening. Offered in three EPDM colors: black, non-marking grey and white.



CODE NO.	DURAMAX® PART NO.	BASE WIDTH (W)	BASE THICKNESS (BT)	WING LENGTH (X)	REF RADIUS (H)	WT./FT.	LENGTH UP TO
DB-809	802080901	5 9/16"	1 1/2"	2"	4 1/2"	21 LBS.	20 FT.

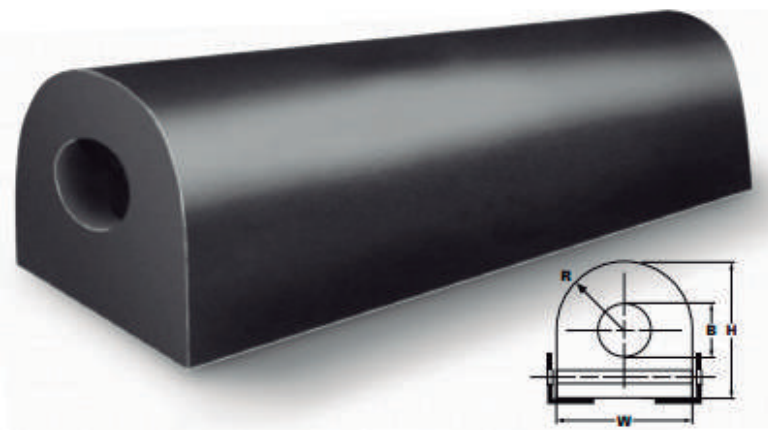


900 Series

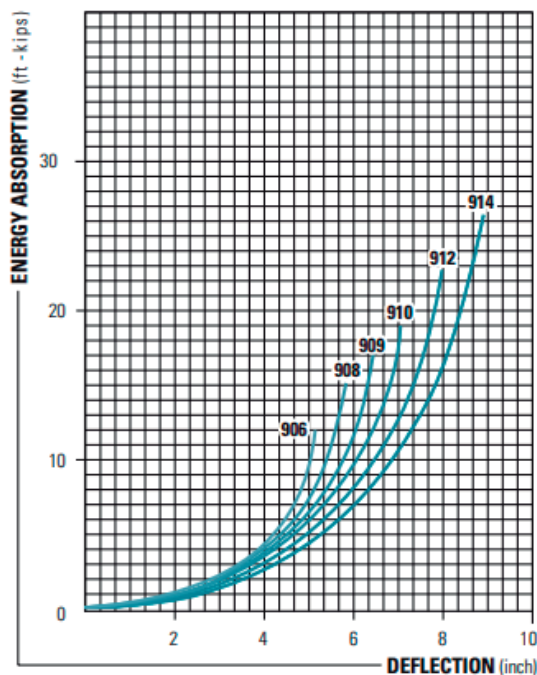
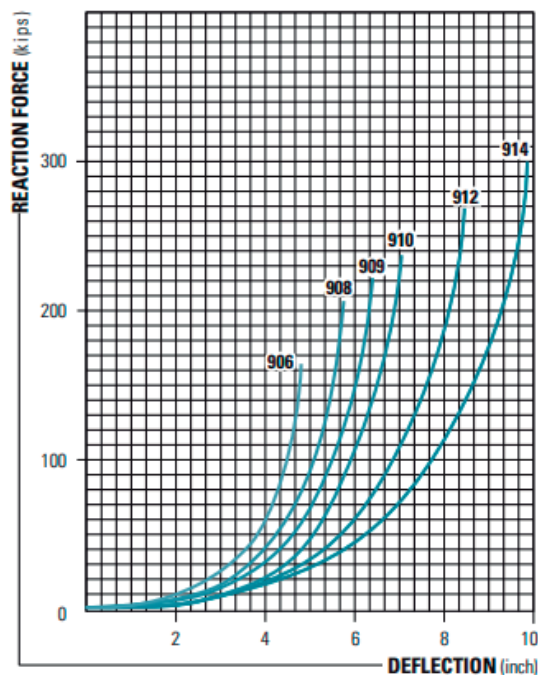
D-SHAPED / O-BORE

Great all purpose, rugged D-shaped fenders mount by drilling a through hole across the base. Offered in three EPDM colors: black, non-marking grey and white.

See page 26 for D-shaped / D-bore fenders.



CODE NO.	DURAMAX® PART NO.	BASE WIDTH (W)	HEIGHT (H)	BORE (B)	RADIUS (R)	WT./FT.	LENGTH UP TO
DB-906	802090601	5"	6"	2 1/2"	2 1/2"	11.7 LBS.	20 FT.
DB-906A	802090611	6"	6"	3"	3"	13 LBS.	20 FT.
DB-908	802090801	8"	8"	3"	4"	26.2 LBS.	20 FT.
DB-909	802090901	8"	10"	3"	4"	34.6 LBS.	20 FT.
DB-909B	802090911	9 1/4"	10"	3"	5"	40 LBS.	20 FT.
DB-910	802091001	10"	10"	3"	5"	43 LBS.	20 FT.
DB-910A	802091011	10"	10"	4"	5"	41.7 LBS.	20 FT.
DB-912	802091201	12"	12"	4"	6"	60.7 LBS.	20 FT.
DB-912A	802091211	12"	12"	5"	6"	57 LBS.	20 FT.
DB-912B	802090013	12"	14"	5"	6"	69.6 LBS.	20 FT.
DB-912C	802091231	12"	14"	4"	6"	73.3 LBS.	20 FT.
DB-914	802091401	14"	14"	6"	7"	76.8 LBS.	20 FT.
DB-914B	802091421	14"	12"	6"	7"	62.2 LBS.	20 FT.
DB-914C	802091431	13.5"	12"	6"	6.75"	59.8 LBS.	20 FT.

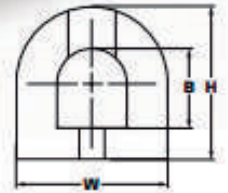


900 SERIES *(CONTINUED)*

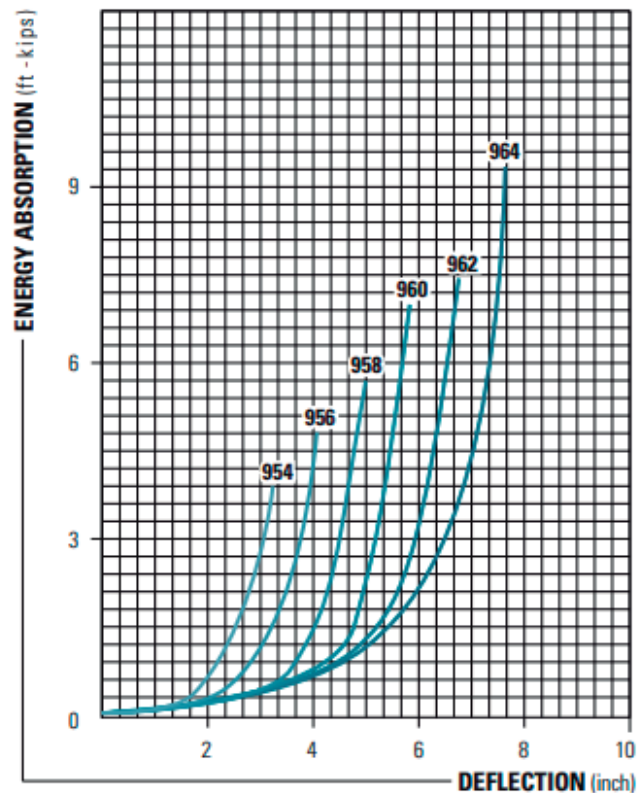
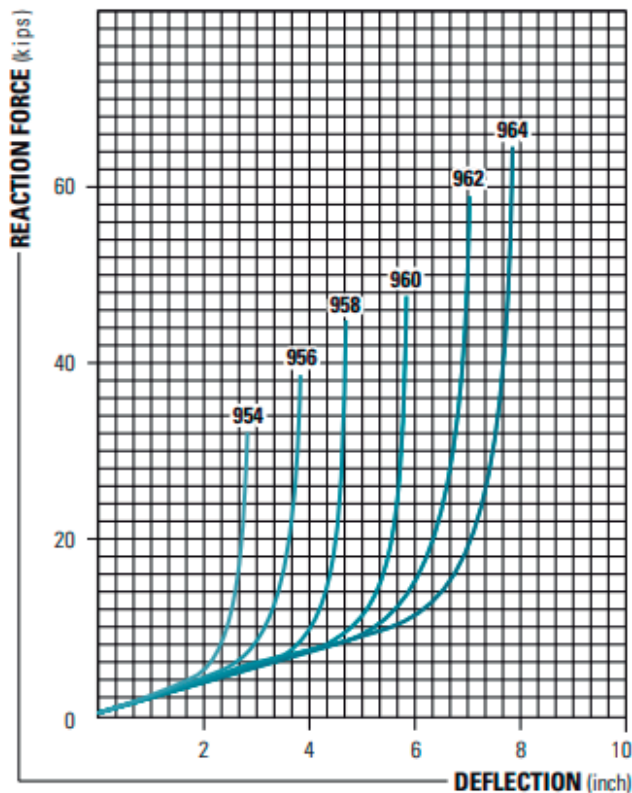
D-SHAPED / D-BORE

Square D-shaped, D-bore fenders are designed for general purpose. Mount by drilling an access hole through the top of the D and a base hole through the flat part of the D.

Offered in three EPDM colors: black, non-marking grey and white.

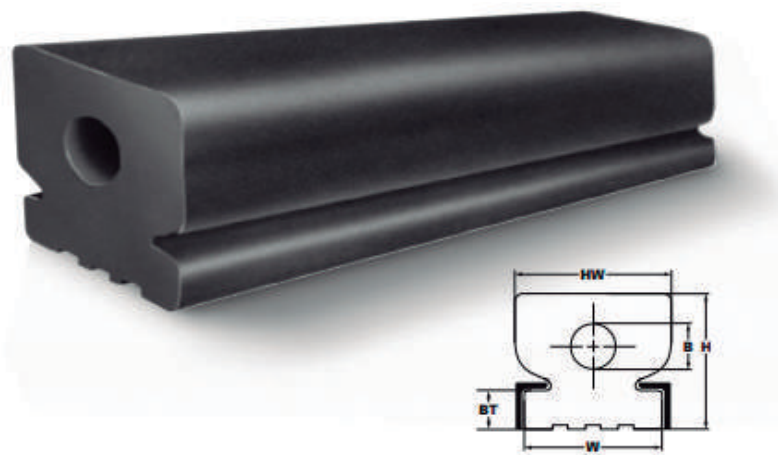


CODE NO.	DURAMAX® PART NO.	BASE WIDTH (W)	HEIGHT (H)	BORE (B)	WT./FT.	LENGTH UP TO
DB-954	802090022	4"	4"	2" x 2"	5.6 LBS.	20 FT.
DB-956	802090021	6"	6"	3" x 3"	12.6 LBS.	20 FT.
DB-958	802090005	8"	8"	4" x 4"	22.5 LBS.	20 FT.
DB-960	802090011	10"	10"	5" x 5"	35.1 LBS.	20 FT.
DB-962	802090015	12"	12"	6" x 6"	50.5 LBS.	20 FT.
DB-964	802090003	14"	14"	7" x 7"	68.6 LBS.	20 FT.

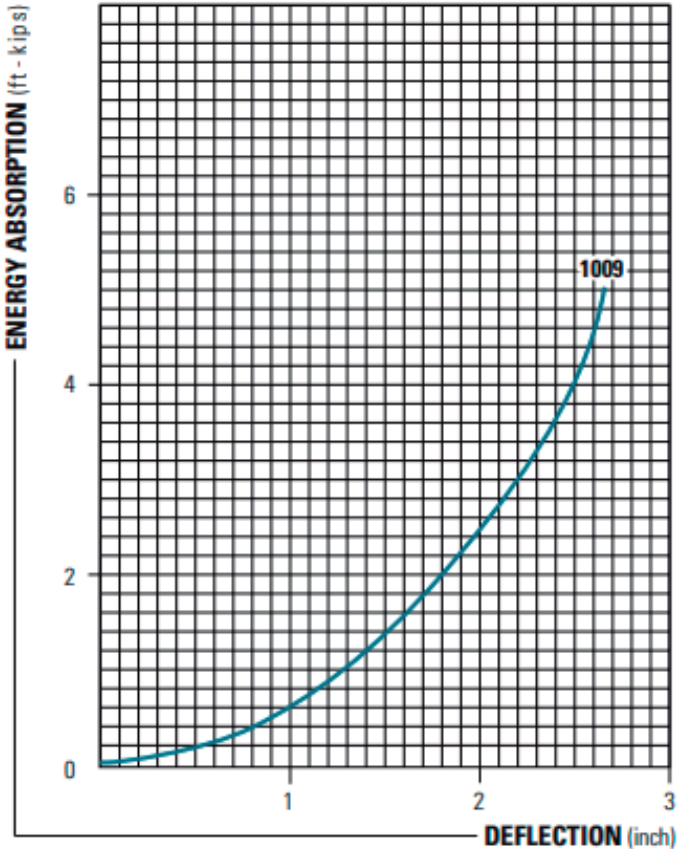
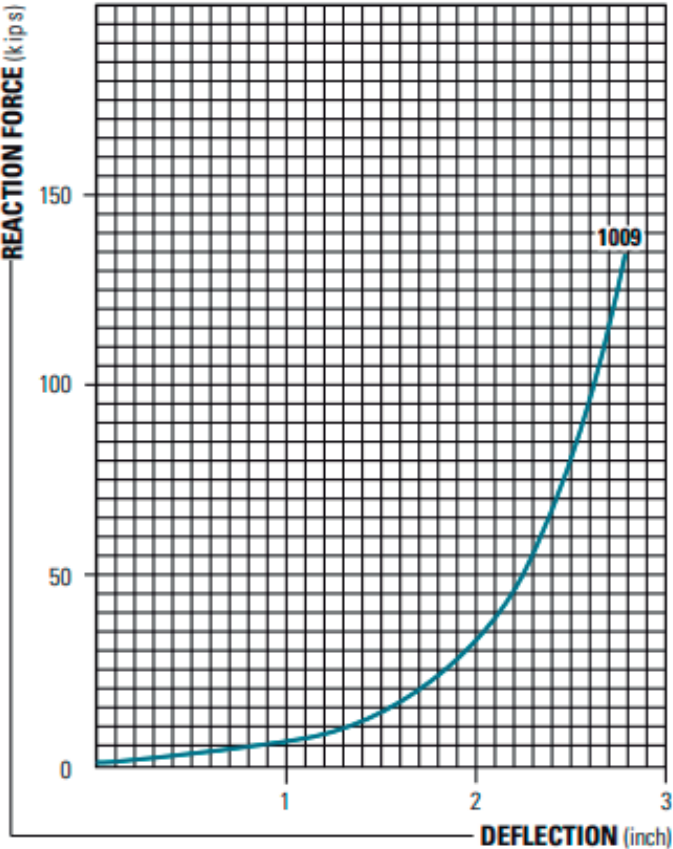


FLAT HEAD

For a very professional looking rectangular fender installation try our flat head series! Held on the vessel, truck or dock in an angle iron channel, no mounting holes are necessary. Manufactured in black EPDM.



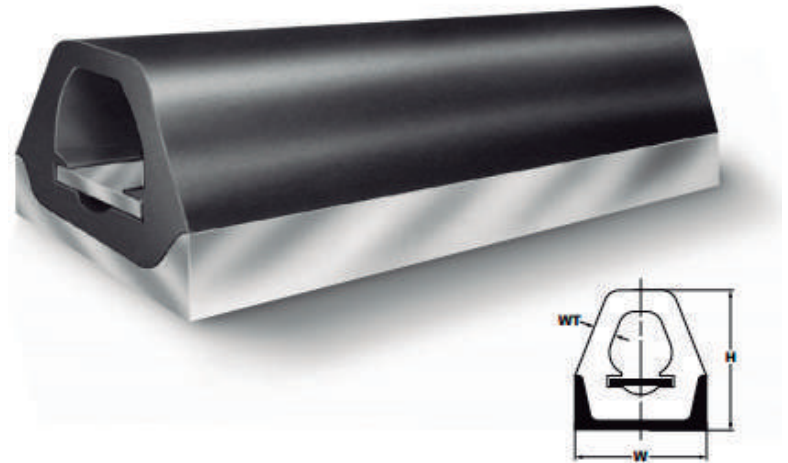
CODE NO.	DURAMAX® PART NO.	BASE WIDTH (W)	BASE THICKNESS (BT)	HEAD WIDTH (HW)	HEIGHT (H)	BORE (B)	WT./FT.	LENGTH UP TO
DB-1006	802100601	6 1/2"	1 11/16"	7 3/8"	6"	1 3/4"	18.6 LBS.	20 FT.
DB-1009	802100901	9"	2 29/32"	9 7/16"	7 1/2"	3"	24 LBS.	20 FT.
DB-1013	802101301	13"	4"	14"	14"	4"	90.1 LBS.	20 FT.



1100 Series

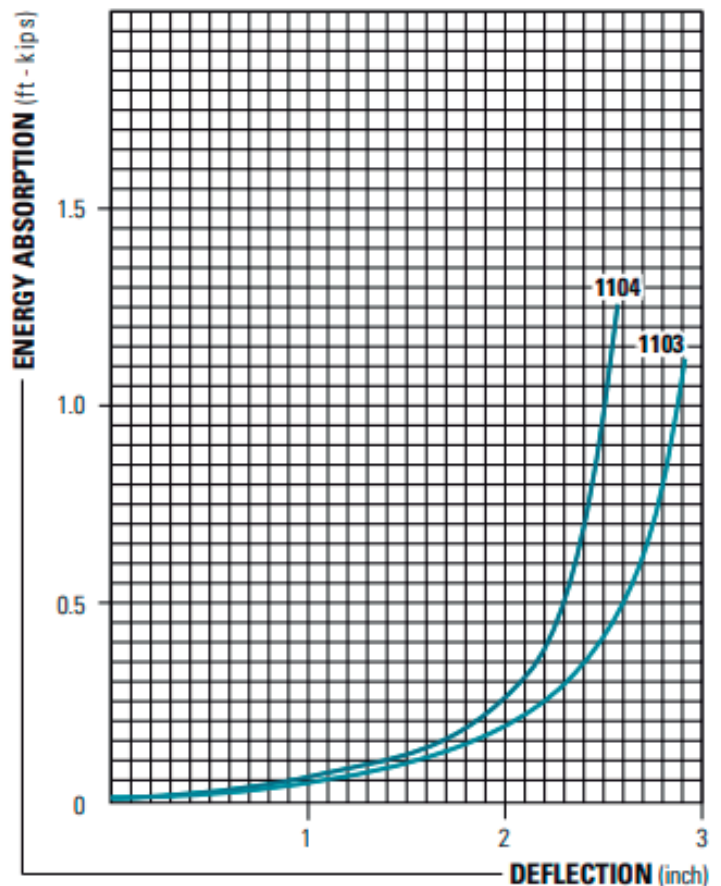
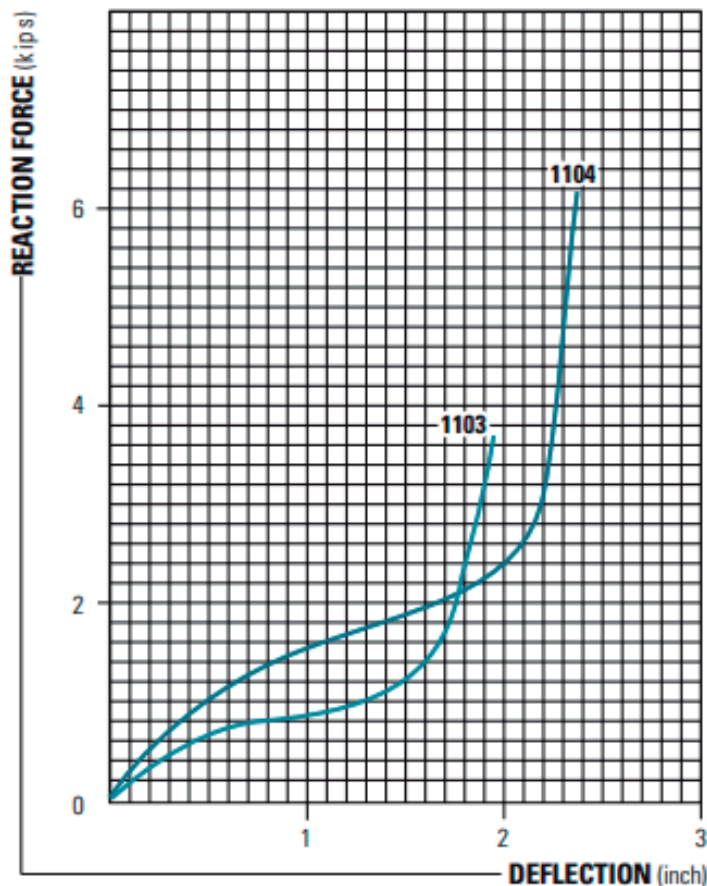
CHANNEL LOCK

Yet another unique Duramax® dock bumper design that is produced in black, non-marking grey and white. A popular design, especially in white! Duramax Marine® does not supply channel and flat bar for this cross section but can offer recommendations on a source of supply.



CODE NO.	DURAMAX® PART NO.	BASE WIDTH (W)	WALL THICKNESS (WT)	HEIGHT (H) RUBBER ONLY	WT./FT.	LENGTH UP TO*
DB-1103	802110301	3"	1 9/32"	3 1/4"	2.8 LBS.	60 FT.
DB-1104	802110401	4"	3/4"	4 5/16"	4.5 LBS.	40 FT.

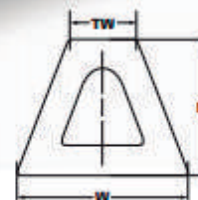
*Max. length for white and grey are 20 FT.



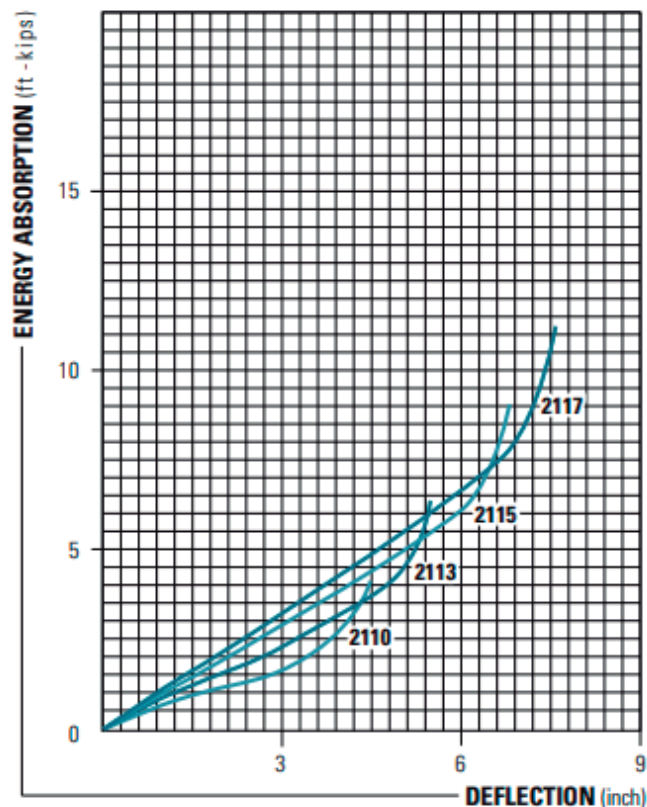
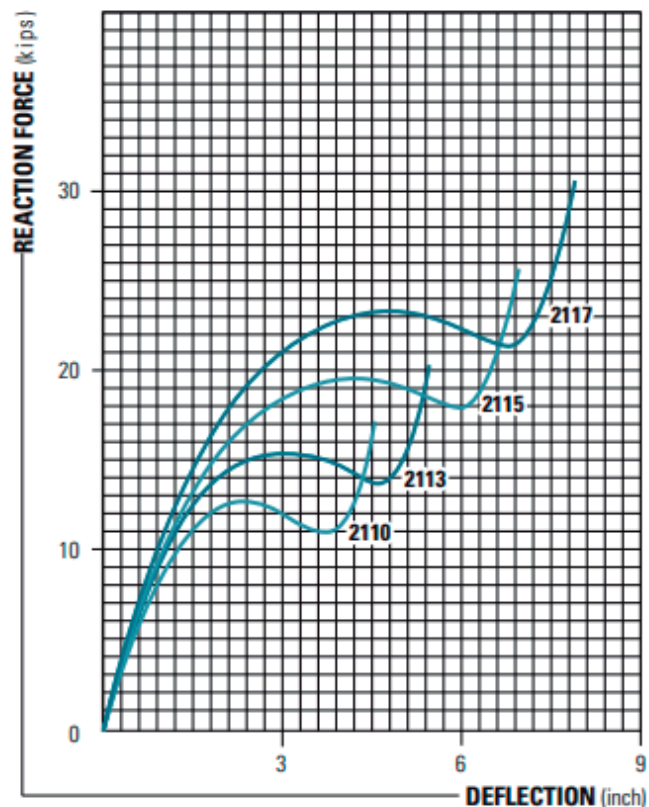
2100 Series

TRAPEZOID

The trapezoidal fender is a robust multi-purpose extrusion. Offered in black EPDM only.



CODE NO.	DURAMAX® PART NO.	HEIGHT (H)	TOP WIDTH (TW)	BASE WIDTH (BW)	WT./FT.	LENGTH UP TO
DB-2110	802211001	10"	5 1/2"	12 3/4"	35	20 FT.
DB-2113	802211301	13"	7 3/8"	16 5/8"	59	20 FT.
DB-2115	802211501	15"	8 5/8"	19 1/8"	77	20 FT.
DB-2117	802211701	17"	9 7/8"	21 5/8"	100	20 FT.



2200 Series

W-FENDERS

Structural bow fender that absorbs impact abuse of the rugged daily grind.

Tough, high quality, EPDM rubber pads conform with bow hull contour. Attached to bow with pins. Can also be used in Tow Knee applications.

Colors Available: Black (standard), and in Non-Marking Gray and White

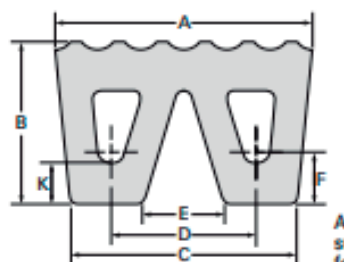
Sizes Available: Up to 10 ft. maximum length.



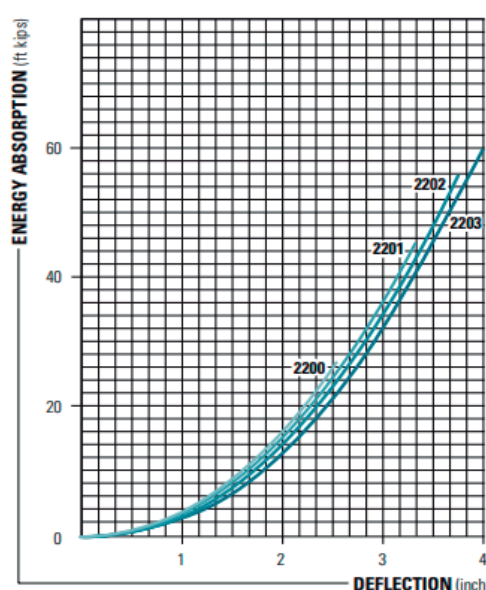
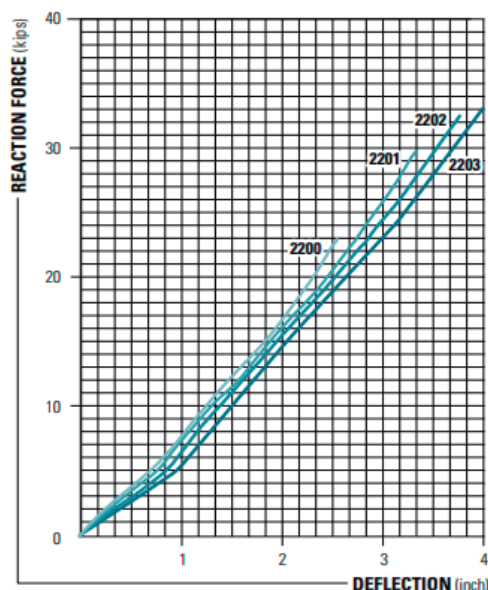
CODE NO.	DURAMAX® PART NO.	A	B	C	D	E	F	K	MAX LENGTH		WEIGHT	
									mm	ft	kg/m	lb/ft
DB-2200	802220001	320	200	280	180	100	67	50	3048	10	51	35
DB-2201	802220101	400	250	350	220	110	75	55	3048	10	81	55
DB-2202	802220201	480	300	426	269	135	90	65	3048	10	120	82
DB-2203	802220301	500	450	420	255	90	100	75	3048	10	180	122

W-FENDER HARDWARE (NOT SUPPLIED)

CODE NO.	PIN DIA.	FLAT BAR	MIN. RADIUS	
			mm	in
DB-2200	Ø25	100 x 20	600	23.62
DB-2201	Ø30	120 x 20	800	31.49
DB-2202	Ø40	140 x 20	900	35.43
DB-2203	Ø40	150 x 20	1000	39.37



Additional supports required for lengths > 36"



2300 Series

M-FENDERS

Structural bow fender that absorbs impact abuse of the rugged daily grind.

Tough, high quality, EPDM rubber pads conform with bow hull contour. Attached to bow with pins.

Colors Available: Black (standard), and in Non-Marking Gray and White

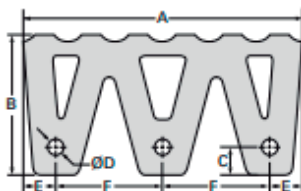
Sizes Available: Up to 10 ft. maximum length.



CODE NO.	DURAMAX® PART NO.	A	B	C	ØD	E	F	MAX LENGTH		WEIGHT	
								mm	ft	kg/m	lb/ft
DB-2300	802230001	400	200	40	23	50	150	3048	10	56	43
DB-2301	802230101	500	250	50	27	60	190	3048	10	89	62
DB-2302	802230201	600	300	60	33	70	230	3048	10	132	91

M-FENDER HARDWARE (NOT SUPPLIED)

CODE NO.	PIN DIA.	FLAT BAR	MIN. RADIUS	
	mm	mm	mm	in
DB-2300	Ø20	100 x 15	450	17.72
DB-2301	Ø24	125 x 20	550	21.65
DB-2302	Ø30	150 x 20	650	25.59



Additional supports required for lengths > 36"

