



# FENDERS

## PNEUMATIC 80 (U.S. CUSTOMARY)

### PNEUMATIC 80 STANDARD SIZES

NOMINAL SIZE		INITIAL INTERNAL PRESSURE	GUARANTEED ENERGY ABSORPTION (GEA)	REACTION FORCE AT GEA	HULL PRESSURE AT GEA	SAFETY VALUE SETTING PRESSURE	TESTING PRESSURE	WEIGHT OF NET TYPE (TYPE I)			WEIGHT OF SLING TYPE (TYPE II)	
DIAMETER X LENGTH								E	R	P		APPROX. FENDER BODY WEIGHT
(FT X FT)	(MM X MM)	(KIPS)	(KIPS)	(KIPS)	(KIPS/FT <sup>2</sup> )	(PSI)	(PSI)				(LBS)	
1.6 x 3	500 x 1000	11.6	5.9	19.1	3.58	-	36.3	53	243	66	44	75
2 x 3	600 x 1000	11.6	8.1	22.1	3.41	-	36.3	60	265	66	49	84
2.3 x 5	700 x 1500	11.6	17.7	40.5	3.64	-	36.3	104	331	88	82	126
3 x 5	1000 x 1500	11.6	33.2	53.8	3.29	-	36.3	168	441	176	112	223
3 x 6.5	1000 x 2000	11.6	46.5	76.1	3.58	-	36.3	203	485	309	126	258
4 x 6.5	1200 x 2000	11.6	64.9	87.8	3.41	-	36.3	298	706	419	150	353
4.4 x 8	1350 x 2500	11.6	105.0	126.0	3.50	-	36.3	452	772	441	-	540
5 x 10	1500 x 3000	11.6	158.0	171.0	3.58	-	36.3	611	1169	772	-	699
5.6 x 10	1700 x 3000	11.6	197.0	189.0	3.46	-	36.3	697	1279	970	-	785
6.5 x 11.5	2000 x 3500	11.6	317.0	259.0	3.46	-	36.3	911	2139	1521	-	1043
8 x 13	2500 x 4000	11.6	683.0	408.0	3.70	33.4	43.5	2227	2756	2007	-	2624
8 x 18	2500 x 5500	11.6	972.0	597.0	4.01	33.4	43.5	2712	4101	2580	-	3219
11 x 15	3300 x 4500	11.6	1210.0	557.0	3.52	33.4	43.5	3793	3793	2822	-	4608
11 x 21	3300 x 6500	11.6	1869.0	891.0	3.93	33.4	43.5	4851	5689	4388	-	5667
11 x 35	3300 x 10600	11.6	3160.0	1554.0	4.28	33.4	43.5	6681	10275	7277	-	7762
15 x 30	4500 x 9000	11.6	4896.0	1699.0	3.95	33.4	43.5	9658	11995	7894	-	-
15 x 40	4500 x 12000	11.6	6670.0	2360.0	4.16	33.4	43.5	11753	15501	11532	-	-

### PNEUMATIC 80 POPULAR NON STANDARD SIZES

NOMINAL SIZE		INITIAL INTERNAL PRESSURE	GUARANTEED ENERGY ABSORPTION (GEA)	REACTION FORCE AT GEA	HULL PRESSURE AT GEA	SAFETY VALUE SETTING PRESSURE	TESTING PRESSURE	WEIGHT OF NET TYPE (TYPE I)			WEIGHT OF SLING TYPE (TYPE II)	
DIAMETER X LENGTH								E	R	P		APPROX. FENDER BODY WEIGHT
(FT X FT)	(MM X MM)	(KIPS)	(KIPS)	(KIPS)	(KIPS/FT <sup>2</sup> )	(PSI)	(PSI)				(LBS)	
1.3 x 5	400 x 1500	11.6	6.6	25.7	4.09	-	36.3	53	-	-	-	75
2 x 4	600 x 1200	11.6	10.3	27.5	3.58	-	36.3	66	-	-	-	90
2.6 x 4	800 x 1200	11.6	17.0	34.4	3.29	-	36.3	110	529	-	-	132
4 x 6	1200 x 1800	11.6	56.8	77.4	3.29	-	36.3	280	684	-	-	335
4.4 x 11.5	1350 x 3500	11.6	157.0	189.0	3.81	-	36.3	576	1323	-	-	664
5 x 8	1500 x 2500	11.6	126.0	137.0	3.41	-	36.3	538	970	-	-	626
6.5 x 10	2000 x 3000	11.6	263.0	215.0	3.29	-	36.3	827	1985	-	-	959
6.5 x 15	2000 x 4500	11.6	431.0	351.0	3.68	-	36.3	1076	2668	-	-	1208
8 x 25	2500 x 7700	11.6	1391.0	872.0	4.24	33.4	43.5	3418	6681	-	-	3925
11 x 28	3300 x 8600	11.6	2517.0	1223.0	4.16	33.4	43.5	5777	8181	-	-	6858
15 x 21	4500 x 6400	11.6	3335.0	1122.0	3.58	33.4	43.5	8291	8622	-	-	-



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