



PNEUMATIC FENDERS

PNEUMATIC 50 (U.S. CUSTOMARY)

PNEUMATIC 50 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)
								APPROX. FENDER BODY WEIGHT	APPROXIMATE WEIGHT OF NET			
DIAMETER X LENGTH									E	R	P	
(FT X FT)	(MM X MM)	(KIPS)	(KIPS)	(KIPS)	(KIPS/ FT ²)	(PSI)	(PSI)	(LBS)	(LBS)	(LBS)	(LBS)	(LBS)
1.6 x 3	500 x 1000	7.3	4.4	14.4	2.72	-	29.0	49	243	66	44	71
2 x 3	600 x 1000	7.3	5.9	16.7	2.59	-	29.0	55	265	66	49	79
2.3 x 5	700 x 1500	7.3	12.5	30.8	2.78	-	29.0	99	331	88	82	121
3 x 5	1000 x 1500	7.3	23.6	41.0	2.51	-	29.0	161	441	176	112	216
3 x 6.5	1000 x 2000	7.3	33.2	57.8	2.72	-	29.0	194	485	309	126	249
4 x 6.5	1200 x 2000	7.3	46.5	66.8	2.59	-	29.0	289	706	419	150	344
4.4 x 8	1350 x 2500	7.3	75.3	96.1	2.67	-	29.0	441	772	441	-	529
5 x 10	1500 x 3000	7.3	113.0	130.0	2.72	-	29.0	551	1169	772	-	639
5.6 x 10	1700 x 3000	7.3	141.0	144.0	2.63	-	29.0	639	1279	970	-	728
6.5 x 11.5	2000 x 3500	7.3	227.0	197.0	2.63	-	29.0	893	2117	1411	-	1025
8 x 13	2500 x 4000	7.3	489.0	311.0	2.82	25.4	36.3	1989	2734	2007	-	2381
8 x 18	2500 x 5500	7.3	696.0	454.0	3.04	25.4	36.3	2403	4079	2558	-	2911
11 x 15	3300 x 4500	7.3	867.0	424.0	2.67	25.4	36.3	3219	3771	2800	-	4057
11 x 21	3300 x 6500	7.3	1339.0	678.0	3.00	25.4	36.3	4123	5667	4212	-	4961
11 x 35	3300 x 10600	7.3	2264.0	1183.0	3.25	25.4	36.3	5645	10275	7277	-	6747
15 x 30	4500 x 9000	7.3	3507.0	1293.0	3.00	25.4	36.3	8688	11885	7762	-	-
15 x 40	4500 x 12000	7.3	4777.0	1796.0	3.17	25.4	36.3	10562	15413	11444	-	-

PNEUMATIC 50 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)
								APPROX. FENDER BODY WEIGHT	APPROXIMATE WEIGHT OF NET			
DIAMETER X LENGTH			E	R	P				CHAIN NET	WIRE NET	SYNTHETIC FIBER NET	
(FT X FT)	(MM X MM)	(KIPS)	(KIPS)	(KIPS)	(KIPS/FT²)	(PSI)	(PSI)	(LBS)	(LBS)	(LBS)	(LBS)	(LBS)
1.3 x 5	400 x 1500	7.3	4.4	19.6	3.11	-	29.0	51	-	-	-	73
2 x 4	600 x 1200	7.3	7.4	20.9	2.72	-	29.0	62	-	-	-	86
2.6 x 4	800 x 1200	7.3	11.8	26.1	2.51	-	29.0	107	529	-	-	128
4 x 6	1200 x 1800	7.3	40.6	59.0	2.51	-	29.0	271	684	-	-	326
4.4 x 11.5	1350 x 3500	7.3	112.0	144.0	2.90	-	29.0	562	1323	-	-	650
5 x 8	1500 x 2500	7.3	90.8	104.0	2.59	-	29.0	487	970	-	-	576
6.5 x 10	2000 x 3000	7.3	188.0	164.0	2.51	-	29.0	809	1985	-	-	942
6.5 x 15	2000 x 4500	7.3	309.0	267.0	2.82	-	29.0	1058	2646	-	-	1191
8 x 25	2500 x 7700	7.3	996.0	664.0	3.23	25.4	36.3	3021	6659	-	-	3528
11 x 28	3300 x 8600	7.3	1803.0	931.0	3.17	25.4	36.3	4895	8181	-	-	5998
15 x 21	4500 x 6400	7.3	2390.0	854.0	2.74	25.4	36.3	7497	8600	-	-	-