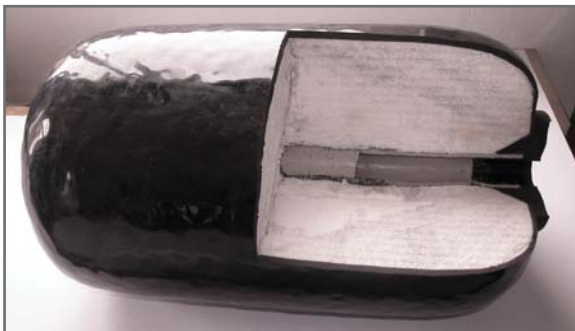


# Foam Fenders

The PsG Foam Fenders have a long and successful history of protecting vessels in mooring operations. These were developed as an alternative to pneumatic and rubber fenders. Made entirely of closed cell elastic expanded PE that guarantees unsinkability even in case of damage.

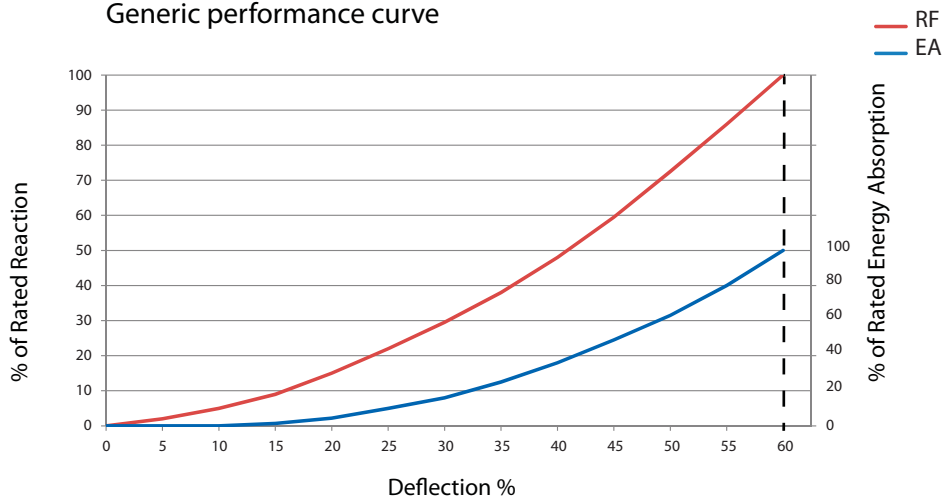
Key performance characteristics include:

- ▶ The construction ensures high energy absorption with low reaction force which is essential to eliminate the risk of damage to the vessel hulls.
- ▶ Fast and easy to deploy.
- ▶ Very versatile fender type that can be used for a variety of operations and vessel types.
- ▶ Non-marking and available in a number of colours.
- ▶ Re-inforced outer skin for added strength against wear and tear.
- ▶ Ideal for maintaining large clearances between the hull and the jetty or between vessels.



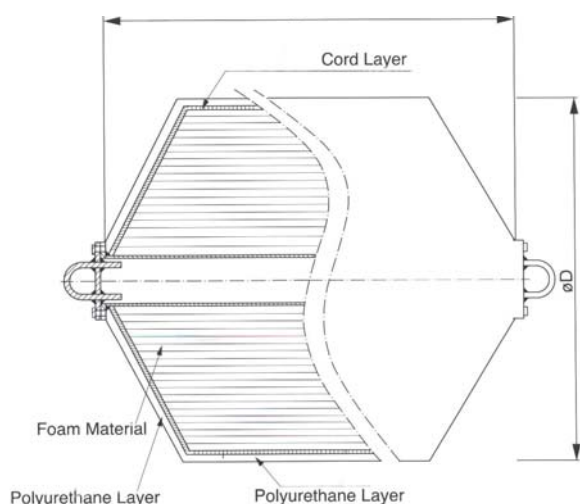
# Foam Fenders

Generic performance curve



Specification	Diameter	Length	Values by 60 % compression & deflection	
Ø x L	(mm)	(mm)	Energy absorption(kNm)	Reaction force(kN)
Ø300×500L	300	500	1.8	38
Ø400×800L	400	800	2.6	56
Ø500×1000L	500	1000	8	71
Ø600×1000L	600	1000	12	86
Ø700×1500L	700	1500	27	161
Ø1000×1500L	1000	1500	49	205
Ø1000×2000L	1000	2000	64	274
Ø1200×2000L	1200	2000	93	337
Ø1200×2400L	1200	2400	110	390
Ø1350×2500L	1350	2500	145	463
Ø1500×3000L	1500	3000	216	624
Ø1700×3000L	1700	3000	273	696
Ø2000×3500L	2000	3500	465	990
Ø2000×4000L	2000	4000	505	1110
Ø2200×4500L	2200	4500	679	1396
Ø2500×4000L	2500	4000	781	1386
Ø2500×5000L	2500	5000	985	1750
Ø3000×5000L	3000	5000	1410	2050
Ø3000×6000L	3000	6000	1695	2460
Ø3300×6500L	3300	6500	2245	2950
Ø4300×6000L	4300	6000	4720	1180
Ø4500×9000L	4500	9000	7860	19650

# Foam Fenders



Specification	Diameter	Length	U steel end fitting	Chain dimension	Shackle
Ø x L	(mm)	(mm)	Ø (mm)	Ø (mm)	
Ø 300×500L	300	500	-	-	-
Ø 400×800L	400	800	-	-	-
Ø 500×1000L	500	1000	Ø 25	14	M14
Ø 600×1000L	600	1000	Ø 25	14	M14
Ø 700×1500L	700	1500	Ø 30	20	M20
Ø 1000×1500L	1000	1500	Ø 40	22	M22
Ø 1000×2000L	1000	2000	Ø 40	22	M22
Ø 1200×2000L	1200	2000	Ø 45	25	M25
Ø 1200×2400L	1200	2400	Ø 45	25	M25
Ø 1350×2500L	1350	2500	Ø 50	25	M25
Ø 1500×3000L	1500	3000	Ø 50	28	M28
Ø 1700×3000L	1700	3000	Ø 50	28	M28
Ø 2000×3500L	2000	3500	Ø 50	28	M28
Ø 2000×4000L	2000	4000	Ø 50	28	M28
Ø 2200×4500L	2200	4500	Ø 55	32	M32
Ø 2500×4000L	2500	4000	Ø 55	32	M32
Ø 2500×5000L	2500	5000	Ø 55	32	M32
Ø 3000×5000L	3000	5000	Ø 60	34	M34
Ø 3000×6000L	3000	6000	Ø 60	34	M34
Ø 3300×6500L	3300	6500	Ø 70	38	M38
Ø 4300×6000L	4300	6000	Ø 75	40	M40
Ø 4500×9000L	4500	9000	Ø 80	48	M48

# Foam Fenders

**Unlike pneumatic fenders, there are no air pressure relief or inflation valves to maintain when using foamfilled fenders. Just install the fenders and expect many years of hassle free and dependable service.**

PsG foamfilled fenders are constructed of closed cell foam, making it un-sinkable. This fender design will not explode or sink and it retains its energy absorbing and standoff capabilities even if the skin has been damaged.

Each foam filled fender is manufactured in accordance with the applicable standards and have undergone rigorous testing to verify the durability and the values of energy absorption and reaction force.

