

# Pneumatic Marine Rubber Fender

This pneumatic fender can be delivered in various sizes, with or without a tire and chain net. It remains fully functional even if the skin is punctured, avoiding catastrophic failure.



## Product Overview

### High-Performance Marine Fender

This pneumatic marine fender is engineered using advanced polymer synthetic materials, combining the high strength of plastic with the long-range elasticity of rubber. Designed for durability and reliability, these fenders offer excellent energy absorption and remain functional even under extreme climatic conditions. They are an ideal solution for ship-to-ship transfers, lightering operations, and ship-to-quay berthing, particularly where large tidal variations occur.

## Technical Specifications

Compliance	ISO 17357-2002
Initial Pressure	0.05 MPa

## Performance Data

### Performance Metrics

Size (mm x mm)	Energy Absorption (KJ)	Reaction Force (KN)
500x1000	8	80
600x1200	13	108
700x1500	21	171
1000x1500	40	226
1000x2000	56	321
1200x2000	79	371
1350x2500	125	533
1500x3000	191	724
1700x3000	238	796
2000x3500	385	1094
2500x4000	829	1725
2500x5500	1165	2513
3000x5000	1313	2538
3000x6000	1644	3110
3300x6500	2268	3769
3500x6000	2523	4108
3500x6500	2906	4570
3500x7000	3313	5023

## Features

### Competitive Advantages

- Available in various sizes with or without tyre and chain net
- Conforms to ISO 17357-2002 directives
- Resilient design prevents catastrophic failure if the skin is punctured
- Maintains full functionality even when damaged