For detailed catalogue or specification pls contact: WhatsApp: + 86 182-0532-1693 Email: inquiry@fendercore.com

Company Introduction

Qingdao Florescence Marine Supply Co., Ltd (Subsidiary of Qingdao Florescence Co., Ltd) specializes in manufacturing **pneumatic rubber fenders, foam fenders, various ship dock rubber fenders, and ship launching & salvage rubber airbags.** The factory was established in 1992, designed, manufactured, and tested products by per ISO 9001:2015 requirements. And every unit is approved by ship surveyors, such as **CCS, BV, RS, ABS, LR, etc.**

We are the supplier of many Navies, such as **Bangladesh Navy, France Navy, Greece Navy, Thailand Navy, Italy Navy, Philippines Navy, etc.**

TOP 3 Supplier
Florescence is a trusted supplier for shipyard, quay, harbors in the global market.

Certifications
Products are certificated by CCS, BV, ABS, RS etc.

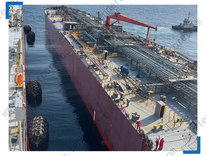
Navy Supplier
Florescence is the supplier of Chinese Navy, Italian navy, Bangladesh Navy and French Navy.

30+ years' experience
Our factory in Qingdao has been established for over 30 years.

Export
We export to many countries, including Indonesia, France, Greece, Turkey, USA, Brazil, Russia, etc.

On Site Service
We can provide on site service.

Pneumatic Rubber Fenders



Florescence is a leading manufacturer for **ISO17357** pneumatic rubber fenders, a leading anti-collision device for marine application in the world today. This compressed air filled rubber fender is used as a protective medium for ship to ship contact (STS), ship to quay (STQ) and ship-to-berthing (STB).

It has the advantage of more energy absorption, less reaction force, larger contact area, lower surface pressure, easy installation, etc.

Two types

A) Net-type **B) Silng type**

Specification	Initial pressure 50KPa		Initial pressure 80KPa	
D*L(mm)	R(KN)	GEA (KJ)	R(KN)	GEA (KJ)
500*1000	64	6	85	8
600*1000	74	8	98	11
700*1500	137	17	180	24
1000*1500	182	32	239	45
1000*2000	257	45	338	63
1200*2000	297	63	390	88
1350*2500	427	102	561	142
1500*3000	579	153	761	214
1700*3000	639	191	840	267
2000*3000	750	265	985	368
2000*3500	875	308	1150	430
2500*4000	1381	663	1815	925
2500*5500	2019	943	2653	1317
3000*5000	2104	1210	2709	1571
3000*6000	2583	1485	3292	1888
3300*4500	1884	1175	2476	1640
3300*6500	3015	1814	3961	2532
3300*10600	5257	3067	6907	4281
4500*6500	4150	3432	5453	4790
4500*9000	5747	4752	7551	6633
4500*12000	7984	6473	10490	9037

Various FL Marine Fenders:

Cylindrical Fender

Arch Fender

D Fender

Cone Fender

Cell Fender

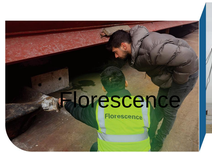
Foam Filled Fender

Ship Launching Airbags

Florescence ship rubber airbag comply with **IS014409**, ship airbag can be used to launch and dock a ship up to **100,000DWT**.

Features

- Different airbag size stock available, quick delivery
- Provide repair kit and on site instruction
- Long time service life can be reused many times
- Wear resistance and anti aging
- Do no harm to the environment. Time & money saving
- Need no more than air compressors, winches and ropes
- Cheaper and portable than other methods



Size Range: (airbag size depend on ship size)	
Diameter (D):	From 0.6m to 2.8m
Effective Length (EL):	From 5.0m to 28.0m
Total Length (TL):	From 7.0m to 31.0m
Standard Number of Layers:	Usually 3-12 layers

Application

1. For ship launching/upgrading/docking/landing
2. For salvaging sunken ship or heavy objects
3. For transporting heavy goods on land
4. For floating use to improve the draft
5. Pneumatic core for architecture engineering(culvert making)

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FLORESCENCE

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E catalog

Whatsapp

Marine Rubber Fenders

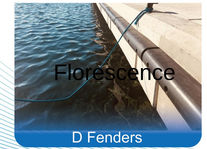
We can offer the following types of dock rubber fenders, either as a single element or as a complete fender system, including steel frontal frames, chains, shackles and necessary fittings to provide a full solution for customers.

Cone fenders

Cell fenders

Arch fenders

Cylindrical Fenders



D Fenders

Tugboat Fenders

We are also able to undertake project consultancy work upon request. Please do not hesitate to contact us if you require any further detail or design guidance.

Features

- High energy absorption
- Durability & long service life
- Various shapes & sizes
- Low maintenance
- Easy installation

Applications

- Ports & ships protection
- Bridges & offshore platforms
- Naval & military facilities
- Oil & Gas terminals
- Heavy-Duty industrial use

Project Cases

Ship Launching Airbags Used In Indonesia

Rubber Airbags Used For Barge Docking In Colombia

D2.5*L4.0m Ship To Ship Fenders In Korea

D4.5mxL6.0m Fenders For Chinese Navy

36Pcs Arch500*2000L In Fenders Mexico Port

Cell1600H Fenders For Nigeria Dock

ISO,BV,CCS,RS,IRS,ABS,LR.....available

Honors & Patents

Florescence

Florescence

Florescence

Florescence

Florescence

Marine Fenders & Ship Launching Airbags

Florescence

- Factory since 1992
- Navy supplier
- ISO 9001: 2015 approved
- BV, CCS, RS, ABS, LR...certificated

Qingdao Florescence Marine Supply Co., Ltd