

REGD. & ADMIN. OFFICE :

26 & 27, AGARWAL INDL. ESTATE,
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Rane 
ELASTOMER PROCESSORS

MANUFACTURERS & EXPORTERS OF PRECISION RUBBER PARTS

AN ISO 9001 - 2008 COMPANY U

RANELAST Arch Rubber Fenders :

RANE, a leader in rubber Product Manufacture for more than 35Years, Launched its commercial production of **DOCK FENDERS** in 1979; using both Extrusion and Moulding Process. it is a matter of pride for **RANE** that within this time span, **RANE** has developed capability to manufacture all types of **DOCK FENDERS** namely **SQUARE TYPE**, **'D' TYPE**, **WING TYPE**, **CYLINDRICAL**, **ARCH TYPE** and **CELL TYPE**, **CONICAL TYPE**, **ELEMENTS TYPE Fenders**.

RANE's Dock Fenders play active role in many Ports & Harbours in India as well as overseas.

Function & characteristics of fenders used in work boats or small jetties should have additional characteristics. The function of the ordinary fenders is to absorb the shock energy of the berthing ship. However, the fenders for a work boat or small jetties should resist the strong pushing pressure exerted by the ship after the berthing is over and above absorbing the berthing energy.

RANELAST fender for work boat or small jetties have been developed after taking into consideration all the above factors. These fenders are manufactured by either extrusion process or by molding process according to the requirements of the customers.

Features :

- **High Energy Absorption & low reaction force.**
- **Base Steel mounting pads with open legs give a wide degree of freedom duronh fitting.**
- **A wide selection of sizes and energy absorption capacities.**
- **Reduced Stress concentration.**

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**FACTORY : Plot No. 19, Suvidha Indl. Estate, Near Thakkar Sons & KLT Automotive (Chassis Divn),
Village - Vevoor, Palghar (East), Dist Palghar - 401 404 (Maharashtra)**

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- Embedded Metal parts fully protected against corrosion & mechanical damage.
- If required Fender can be supplied with UHMWPE Pads on Top.

Arch Rubber Fender Standrad Size & Performance

Size(Height in mm)	Reaction Force(Tons)		Energy Absorption(Ton-M)	
	Rubber Grade			
	RE1	RE2	RE1	RE2
RA 150 H	17.5	15	0.9	0.8
RA 200 H	23.5	20.5	1.5	1.3
RA 250 H	29.5	25	2.2	2
RA 300 H	35	30.5	3.1	2.8
RA 400 H	46	40.5	5.5	4.8
RA 500 H	58	51	8.5	7.5
RA 600 H	70	61	12	10.7
RA 800 H	93	81	21.5	19
RA 1000 H	116	101	34	30

Tolerance : +/- 10 %

Above Performance details are for 1 meter of Fender length

Rated Deflection : 50.50%

Other Grades of Rubber is available on request.

Length Available (in Meter) : 1.0, 1.5, 2.0, 2.5, 3.0,3.5

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