

**REGD. & ADMIN. OFFICE :**

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**Rane**   
**ELASTOMER PROCESSORS**

MANUFACTURERS & EXPORTERS OF PRECISION RUBBER PARTS

AN ISO 9001 - 2008 COMPANY U

## **RANELAST Cone Type 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 Low reaction..**
- **Better Stability under various loading.**
- **Easy & quick installation.**
- **Fender can be combined in various combination.**

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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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## Cone Type Rubber Fender Standrad Size & Performance

Size(Height in mm )	Reaction Force(Tons)		Energy Absorption(Ton-M)	
	Rubber Grade			
	RE1	RE2	RE1	RE2
RA 300 H	11	10	1.6	1.5
RA 350 H	20	18	3.9	3.5
RA 400 H	32	29	7.5	6.8
RA 500 H	30	26	7.2	6.4
RA 550 H	39	35	10	9
RA 600 H	44	10	13	12
RA 700 H	63	57	23	21
RA 800 H	82	75	34	31
RA 900 H	104	95	48	43.5
RA 1000 H	128	117	67	61
RA 1050 H	141	129	76.5	69.5
RA 1100 H	154	140	88	80
RA 1200 H	185	167	114	103.5
RA 1300 H	217	196	145	132
RA 1400 H	251	228	181	165
RA 1600 H	328	297	271	247
RA 1800 H	414	378	387	352

**Tolerance : +/- 10 %**

**Rated Deflection : 72%**

**Performance Values are for Single Fender.**

**Other Grades of Rubber is available on request.**

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