

LINTECH FENDER

LIFETIME RUBBER FENDER

THE LIFETIME FENDER

LINTECH FENDER is an international standard fender design and manufacturing. The material is available in several range of hardness, spring type A DIN53505 - superior rubber compound to withstand superior resistance to aging, sea water, weathering and abrasion.

The most experienced rubber specialists in Indonesia involve in the compounding process of **LINTECH FENDER** to ensure the maximum aging life at minimum properties decrease after aging.

FEATURES

- Resistant to aging, sea water, weathering and abrasion
- Design Standard BS6349 (British), EAU (Germany), Japan
- Wide range models depending on Vessel Size, Berthing Energy, Speed Factor, Installation, Berthing Angel , Friction Force, Wave and Wind → ENERGY ABSORPTION CAPACITY
 - ❖ HOLLOW CYLINDRICAL FENDER
 - ❖ D-TYPE FENDER
 - ❖ LAMBDA TYPE FENDER
 - ❖ BETA TYPE FENDER
 - ❖ HYPER ACE (V SHAPE) FENDER
 - ❖ Pi – TYPE FENDER
 - ❖ PPi TYPE FENDER
 - ❖ UPi TYPE FENDER
 - ❖ CORNER FENDER
 - ❖ GH TYPE FENDER

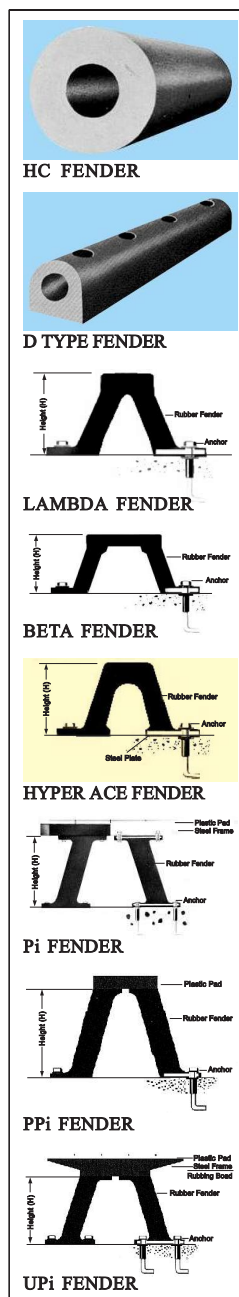
FIELDS OF APPLICATION

- COMMERCIAL PORTS at various VESSEL TYPE – CARGO, TANKER, ORE CARRIER, Ro/Ro VESSEL, CONTAINER, FERRY

METHODS OF APPLICATION

Applicable with **ANCHOR BOLT ARRANGEMENT**, **CHAIN**, **SHACKLE**, **STEEL BAR**, and **OTHER MECHANICAL PARTS** that available in **LINTECH**.

All FENDER MOUNTING HOLES ARE OVAL so the FENDER can be mounted firmly to the right position by adjusting its situation in either direction lengthwise or sectionwise.



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SUPPLY AVAILABILITY

FENDER TYPE	Ref. No.	Dimensions mm
Hollow Cylindrical	HC	2 to 1 and 1.75 to 1 OD/ID ratio, OD150 to 1500 mm
D- TYPE	D	D=H,d=1/2H; H150mm to 400 mm
LAMBDA TYPE	LMD	LMD 250 to 1000 mm (high)
BETA TYPE	B	B200mm H to B1000mm H
HYPER ACE	HA	HA150mm H to HA1000mm H
PI TYPE	Pi	Pi 400mm H to Pi800mm H and Hpi 1000mm to Hpi 2500mm H
PPI TYPE	PPI	PPI400mm H to PPI1700mm H
UPI TYPE	UPI	UPI600mm H to UPI2500mm H
CORNER TYPE	F & HA	F100mm H to F130mm H and HA150mm H to H500mm H
GH TYPE	GH	GH150mm H to GH200mm H

MEAN PHYSICAL PROPERTIES

TEST ITEM		PROPERTIES	Test Method JIS K6301	Alternative Standard
Physical Test	Before Aging	Tensile Strength	160 kgf/cm ² min	Test Piece: Dumbell No.3 ASTM D412
		Elongation	350% min CPA:76 Hs max	Test Piece: Dumbell No.3 Spring Type DIN53504; BS-903 A2 ASTM D2240
		Hardness	CP0:72 Hs max	Hardness Test DIN53505
			CP1:73 Hs max CP2:72 HS max	(Type A) BS-903 A26
	After Aging	Tensile Strength	Not Less Than 80% of original value	ASTM D865
		Elongation	Not Less Than 80% of original value	DIN 53508
		Hardness	Less than original value plus 8 deg	Aging by air heating: 70 ± 1°C x 96 hours BS-903 A19
		Tear Resistance	70 kgf/cm min	Test Piece: Type A ASTM D624, DIN 53507, BS-903 A3
	Compression Set	25% max	Heat treatment: 70± 1°C x 22 hours	ASTM D395, BS-903A6

PLEASE CONTACT LINTECH OFFICER FOR FURTHER ASSISTANCE