



PATENTED LOW FRICTION TECHNOLOGY TO
SUPPORT SAFE AND RELIABLE MOORINGS



 **NYLACAST**
ENGINEERED PRODUCTS



METAL

vs.

NYLACAST
CHOCK LINER[®]

An evolution in mooring technology with safety in mind

Custom manufactured from initial chemistry to end product, the patented Nylacast Chock Liner® delivers safe and reliable moorings. The Nylacast Chock Liner® can be fitted without any hot work or dry docking, to all chock and vessel types. It can be fitted to new vessels as well as being retro fitted to existing vessels with chocks and panama fairleads.







Technology

The Chock Liner® was developed by Nylacast to optimise and enhance vessel moorings. Much of the advantages it delivers is owed to the unique and versatile materials technology developed through over 20 years of field experience in design, testing and material selection with fibre ropes. This enabled the selection of a custom formulated material which has very low friction coupled with lightweight and corrosion resistance.

Nylacast's Chock Liner® material technology allows for the accommodation of HMPE rope with lower risk of abrasion and wear when in contact with the chock or panama fairlead. The Chock Liner® is also suitable for polyester/polypropylene, polyester and nylon ropes, as required for FLNG, FSRU and STS where a specific synthetic pennant may pass through the fairlead.

The unique material paired with the patented coupling technology provides vessel owners and operators with an easy installation, low maintenance product capable of increasing overall efficiency. NO hot works or dry docking is required for installation.

The Nylacast Chock Liner® is also available in ATEX approved materials for specific industry requirement



Benefits & Advantages

INCREASED SAFETY

Significantly reduced rope wear and abrasion eliminates risk of breaking or failure.

No need for crew to be near mooring lines under tension, as no chafe protection required.

CORROSION FREE

Corrosion resistant material protects against the arduous environments faced in the marine and shipping industry.

EASY INSTALLATION

NO hot works or dry docking needed. Installation kit provided with delivery.

REDUCED ROPE WEAR

Low friction material easily accommodates offshore mooring fibre ropes with significantly reduced risk of wear and abrasion. And eliminated need for jackets.

MAINTENANCE FREE

Self-lubricating, corrosion resistant material results in little or no maintenance needs and elimination of any painting, coating or external protection.

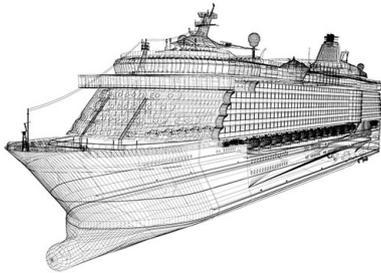
LOAD BALANCING

Smooth surface finish and material provides better equalisation of mooring loads, especially when in high swell.

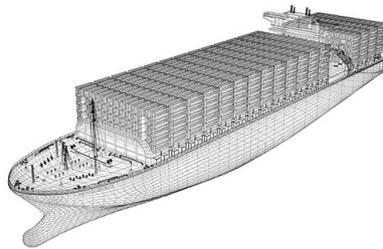
Vessels

Custom created to suit specific chock size and specification, the Nylacast Chock Liner® is widely used on various vessel types including:

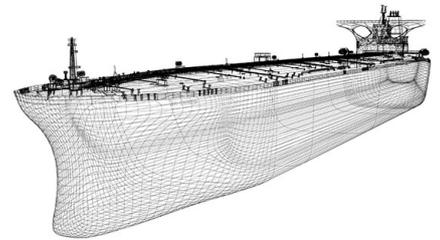
**PASSENGER SHIPS &
FERRIES**



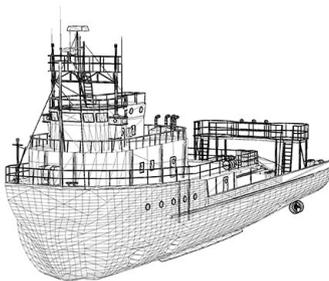
CONTAINER VESSELS



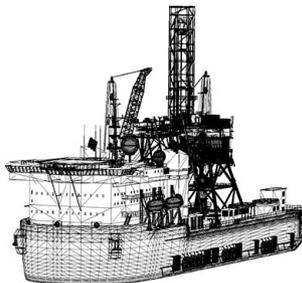
**LNG TANKERS & PRODUCT
CARRIERS**



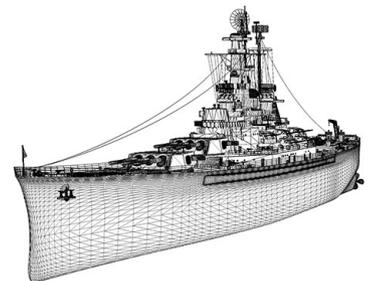
SERVICE VESSELS

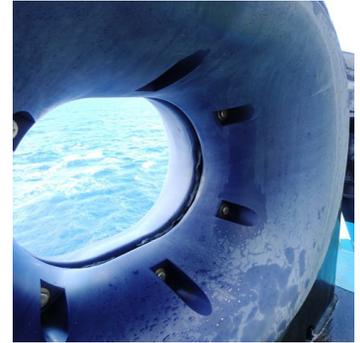


**FPSO & SPECIAL PURPOSE
VESSELS**



**NAVY, YACHTS & FISHING
VESSELS**

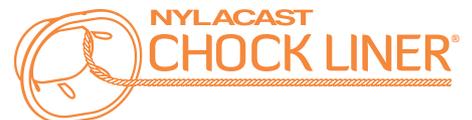




“The Nylacast Chock Liner® is an excellent product for preventing mooring rope wear and damage. I believe the Chock Liner®s should be installed on all vessels equipped with HMPE ropes. We have installed 30 Chock Liner®s to the vessel which are still in excellent condition after 7 years of continuous service and should last the lifetime of the vessel.

Protection sleeves for the ropes have not been used as the liners provide protection against chaffing damage, which was previously a common occurrence. The cost of equipping the Chock Liner®s to a vessel may be high, however we have observed the Nylacast technology to extend the lifetime of the ropes and greatly reduce the need for rope replacement, this coupled with the longevity to last the lifetime of the vessel results in long-term economic gain.”

Master, LNGC TangguhSago





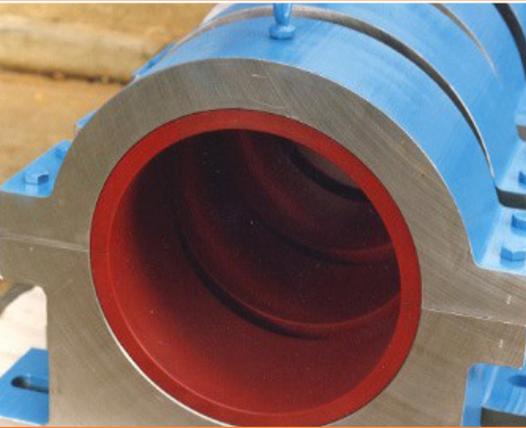
SHEAVES & PULLEYS



WINCH SPOOLING SHELLS



ROLLERS



BUSHES



CUSTOM COMPONENTS



GUIDE ROLLERS

Marine Products

Nylacast offer a variety of engineered products for the marine and shipping industry. The materials technology and engineering know-how results in the unique ability to provide custom manufactured, low friction, lightweight solutions for improving and enhancing marine operations.



Enquire

To discuss the Chock Liner® or Nylacast Marine Products further, simply visit www.chockliner.com





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The Chock Liner® and its technology is a patented and trademarked product.