



NYLON SHEAVES

Why use Nylacast sheaves?

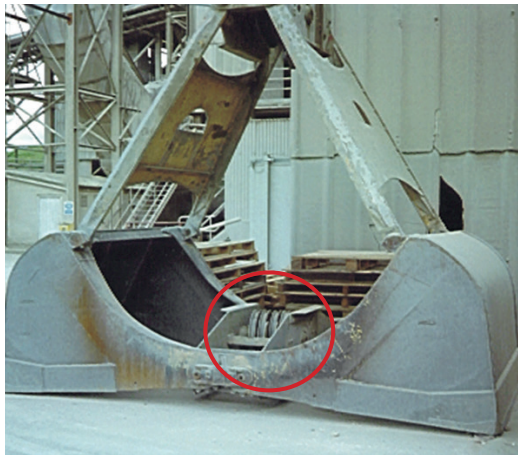
For over five decades Nylacast have been engineering solutions for industry challenges, helping to increase product performance, safety and efficiency. The inherent properties of Nylacast materials are ideal for applications such as sheaves and pulleys.

The use of Nylacast sheaves allow for users across all industries to benefit from reduced or eliminated maintenance need and cost coupled with improved lifting. This is delivered through Nylacast material grades being lightweight, corrosion resistant and low friction. These advantages allow for increased performance and reduced costs with no compromise on strength or quality.

Case study

Launch and Recovery Sheave

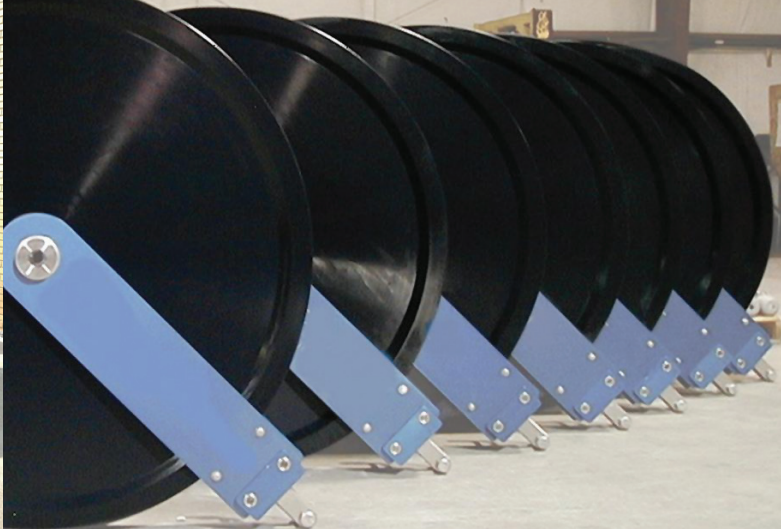
The versatile strength of Nylon Sheaves sees them used more today than ever in ROV Launch and Recovery Systems (LARS). In the LARS application the sheave wheel is fitted to the 'A' frame or crane of greater diameter than the minimum bend radius of the ROV umbilical. The key factor is the strength of the Nylon material that allows for the weight of the ROV system as well as any increase in weight due to heavy sea states.



Case study

Grab bucket sheave

In this application the Nylacast component is used in the top of a 15 tonne grab bucket loading clay, sand and hot clinker into and out of kilns. The key factor is the self-lubrication of the Nylacast component that requires less maintenance and increases the overall performance of the application.

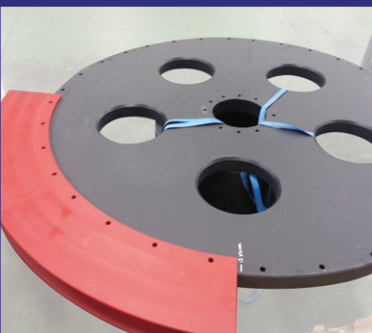


Nylacast Sheaves:

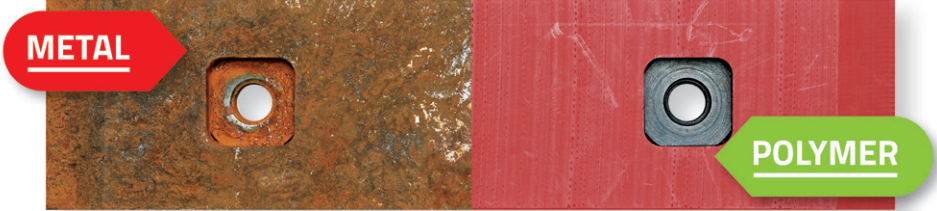
- Custom made to design requirements
- Available from 25mm - 3000mm
- Reduced component weight (increased lift capacity)
- Provides increased rope life
- Corrosion resistant (no need for coating/painting)
- Reduced maintenance need and costs
- Improved lifting performance
- 1/7th the weight of steel (ease of installation)
- Sheave segments available for larger custom requirements

www.nylacast.com/sheaves

engineer@nylacast.com



DISCOVER THE FULL RANGE OF NYLACAST ENGINEERING SOLUTIONS AND PRODUCTS



- | | | | |
|---------------------|---|---|---------------------|
| High Friction | — | — | Low Friction |
| Corrosion Receptive | — | — | Corrosion Resistant |
| Heavyweight | — | — | Lightweight |

Client Requirement Concept Design Analysis Manufacture



www.nylacast.com/sheaves
 engineer@nylacast.com

Discuss your projects today:

0044 116 276 8558
 001 713 425 6344
 00 2711 397 7077

NYLACAST
 ENGINEERING PLASTIC SOLUTIONS