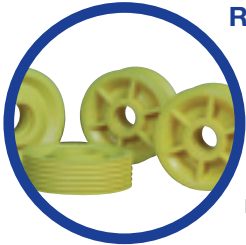


Typical Applications for the Construction Industry



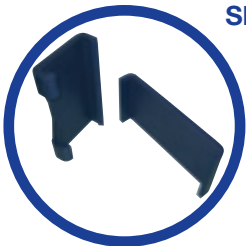
Cable Sheaves

With the development of MONOCAST® cable sheaves Quadrant EPP achieved greatly improved wire rope life, improved lifting and transport with reduced weight, non-corrosive benefits for land or sea use and easier handling.



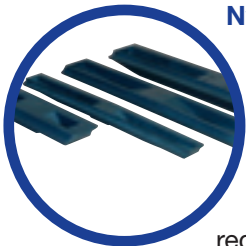
Rollers

QEPP materials offer better load capacity, wear resistance, noise reduction and fatigue resistance than other materials in a variety of roller applications.



Sliding Pads and Bearings

NYLATRON®'s low coefficient of friction enables smoother and quieter operation, extends part life, reduces or eliminates lubrication and increases functionality.



Nylatrack Trackplates

Lightweight Nylatrack polyamide trackplates can accommodate slopes up to 40 percent. Their intrinsic flexibility absorbs the bending force of track chains, reducing strain.

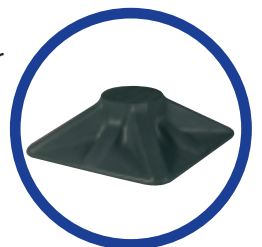
Pile Driver Caps

MONOCAST® MC 904P Pile Driver Caps last about 20 to 50 times longer than conventional fillers and deliver a good coefficient of restitution for optimal piling efficiency.



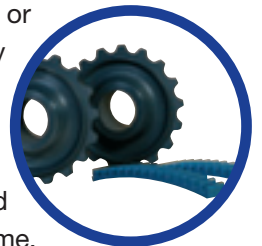
Outrigger Pads

MONOCAST® polyamide outrigger pads can stand up to 60 MPa surface pressure and will not scratch or break pavement, eliminating the need for expensive cribbing plates.



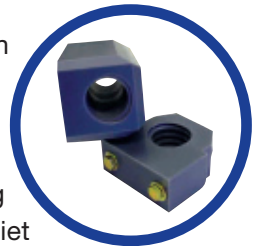
Chain Sprockets

Chain sprockets made from lightweight, self-lubricating NYLATRON® GSM Nylon or TIVAR® Cream P require less energy to operate, allowing more power to be used to drive the chain. Their self-lubricating performance and low wear also extends chain life and reduces overall maintenance downtime.



Spindle Nuts

Spindle nuts fabricated with NYLATRON® 703 XL Nylon are not subject to corrosion by prolonged exposure to harsh environments. Their low-wear and self-lubricating material enables smooth, quiet operation and reduces overall maintenance downtime.



Wear Pads

Self-lubricating pads, in NYLATRON® 703 XL enable precise motion control with a unique property of near zero stick-slip, safety and elimination of external lubrication for crane booms. NYLATRON® 703 XL also provides high strength and stiffness and excellent wear resistance

