

PSC LOADGUIDER[®] ANTI-TANGLE TAGLINE

PSC-LGTC Series

Tangle-Resistant Guide Rope for Safe, Hands-Free Suspended Load Control

Engineered to keep operators clear of pinch zones and swing paths throughout all crane and rigging lifts.



PRODUCT OVERVIEW

The PSC LoadGuider Anti-Tangle Tagline is a specially engineered guide rope for safe control of suspended loads during crane and rigging operations. It keeps operators clear of pinch zones, swing paths, and crush hazards throughout every lift.

Standard taglines wrap, knot, fray, and become slick when wet — each a direct pathway to a hand injury. The LoadGuider eliminates these failure modes through its rigid-core construction and patented Helix braided cover.

WHY THIS TOOL MATTERS — THE HAZARD CONTEXT

THE HAZARD

- Standard taglines tangle around rigging, load corners, and deck fittings — forcing operators to step in and untangle by hand.
- Wet and greasy conditions make conventional ropes slick and uncontrollable, increasing the chance of losing grip near the load.
- Fraying and knotting create raised surfaces that catch on pinch points, pulling the operator's hands toward the danger zone.
- Operators working with standard taglines must hold position near the swing path of the load throughout descent.

THE CONTROLLED APPROACH

- Rigid Polyex core maintains shape under load — the tagline stays deployable without twisting or coiling back on itself.
- Helix braided cover provides consistent grip in wet, oily, and cold conditions — control is maintained without over-gripping.
- Snag-free design eliminates raised surfaces that catch on pinch points — the tagline runs clean from attachment to operator.

KEY FEATURES & FUNCTIONAL DESCRIPTION

Tangle-Resistant Rigid Core	Polyex fibre 6 mm rigid inner core prevents the tagline from twisting, looping, or coiling back. Deploys cleanly from storage and remains manageable throughout the lift — no untangling on deck.
Helix Braided Cover	Patented stiff over-braid with spiral geometry improves grip in wet, oily, and cold conditions. Resists coiling and provides tactile control feedback to the operator throughout load descent.
Snag-Free Profile	No knots, no raised surfaces, no external hardware to catch on pinch points or rigging elements. The tagline passes cleanly over deck fittings and rigging without pulling the operator toward the load.
High-Visibility Yellow	High-contrast yellow colour maintains visual identification of the tagline in all deck lighting conditions. Colour-coded eye fittings provide instant length identification without reading labels.
Colour-Coded Eyes for Length ID	Each length variant uses a distinct colour on the eye splice — enabling correct length selection at the rigging point without measuring or reading part numbers during the pre-lift preparation.
ANSI Twist-Lock Carabiner Option	Compatible with ANSI-rated twist-lock carabiners for positive load attachment — prevents accidental disconnection during lift without requiring a tool for attachment or release.
Washable Dirt-Repellent Cover	Cover material repels drilling fluids, mud, and grease accumulation. Taglines can be washed after use in wash-down areas — maintaining grip performance and inspection visibility throughout service life.
High-Strength Lightweight Fibre	SK75 / Dynex-75 fibre construction delivers high tensile strength at low weight — reducing operator fatigue during extended lifting operations and multi-lift shifts.

APPLICATIONS | TECHNICAL SPECIFICATIONS

CRANE & RIGGING OPERATIONS

- Tagline control for all offshore crane picks — ISO containers, cargo baskets, cutting skips.
- Suspended load guidance during final descent and landing on offshore decks.
- Guiding loads through tight deck spaces and congested rigging areas.

ONSHORE & CONSTRUCTION LIFTING

- Structural steel erection — controlling beam and column swing during crane placement.
- Precast concrete panel and module installation.
- Equipment and machinery positioning during crane-assisted installation.

SUPPLY VESSEL DECK OPERATIONS

- Cargo basket and container guidance during vessel-to-platform crane transfers.
- Load control in sea states where swing and drift are unpredictable.

TECHNICAL SPECIFICATIONS

Core Material	Polyex fibre 6 mm (inside)
Outer Diameter	18 mm (12 mm cover + core)
Cover / Braiding	Stiff over-braided Helix spiral
Fibre Type	SK75 / Dynex-75 high-strength
Colour	High-visibility yellow
Eye Colour Coding	Colour-coded per length
Available Lengths	10 ft, 15 ft, 20 ft, 25 ft, 30 ft, 35 ft, 40 ft, 45 ft
Tangle Resistance	Rigid core + stiff cover, no knots, no raised surfaces
Cover Care	Dirt-repellent, washable
Carabiner Option	ANSI twist-lock compatible
Origin	Made in Iceland

PART NUMBERS

PSC-LGTC-10	PSC-LGTC-15
PSC-LGTC-20	PSC-LGTC-25
PSC-LGTC-30	PSC-LGTC-35
PSC-LGTC-40	PSC-LGTC-45

INDUSTRIES SERVED | SAFETY GUIDELINES

INDUSTRIES SERVED

- Offshore drilling rigs — all water depth categories
- Oil and gas production platforms
- Offshore supply and platform support vessels
- Shipyards and marine construction facilities
- Fabrication yards and ports
- Onshore construction and structural steel erection
- Heavy industrial maintenance and shutdown work

SAFETY GUIDELINES

- Hands-Free principle:** Never touch or grab a suspended load directly — the LoadGuider is the only contact point.
- Keep tagline taut and visible:** A slack tagline provides no load control and creates a trip hazard on deck.
- Inspect before every use:** Check for cuts, abrasion, fraying, or core deformation. Remove from service if found.
- No twisting around body parts:** Never loop or wrap the tagline around hands, wrists, or any body part.
- Use alongside GCH Tool:** For final metre positioning, combine with the PSC General Cargo Handling Tool for full hands-free control.
- Attach securely:** Use ANSI-rated carabiner or equivalent — verify positive lock before lift begins.

Standard taglines fail because they were never designed for hands-free use.

The PSC LoadGuider is. Tangle-resistant, grip-secure, and snag-free — it gives operators complete control of every suspended load from a safe distance, on every lift, in every operating environment.