



IMPROVING SAFETY AND RELIABILITY

LIGHTWEIGHT — EASY TO HANDLE

1/3-1/2 typical wire weight using Plasma® fiber and high performance materials. Easily handled with no kinking or twist fighting, no wire fishhooks, no water or debris absorption, and no freezing.

SHACKLE FREE — SELF CONTAINED HARDWARE

Shackle free, tool free, self contained pin system with quick connect / disconnect features. Eliminate the need for a second person, shackles, tools, or any connection hardware to handle. Purpose engineered to mitigate improper setup, misuse, and wasted costs. (Patents Pending)

ADVANCED INSPECTION — OVERLOAD AND WEAR

Three layer system designed to indicate wear from the outside in, allowing operator to visibly inspect critical components for breakdown. Clear, objective go/no-go inspection that includes multi-stage cable wear indication, a fiber inspection window, and overload indication. (Patents Pending)



ADVANCED FIBER PROTECTION

Fibers are shielded from typical damage in the most critical areas through metal encasements and straight-pull only design — mitigating potential for unknown fiber damage that commonly occurs from sharp bends, edges, unknown burs, twists, etc. Fiber core is further protected by an advanced 2X jacket that resists harmful elements such as welding sparks, cuts, abrasion, debris, chemical splash, etc.

MISUSE PREVENTION — ENGINEERED SAFETY

Purpose engineered to mitigate the potential for typical operator misuse. Further designed to typically indicate gross misuse and / or abuse — helping warn operators that the product should be pulled from service.

ENGINEERED TO ADDRESS THE DRAWBACKS OF STEEL WIRE AND FIBER SLINGS

ADVANTAGES OVER STEEL WIRE



HANDLING SAFETY / INJURY PREVENTION:

- Reduced Handling and Dropping Weight
- No Cable Torsion / Twist Fighting
- No Kinking & Misalignment Fighting
- No Broken Wire "Fish-Hooks" / "Jaggers"
- No Shackle Weight to Elevate and Maneuver
- No Pins / Wrenches / Shackles to Handle or Drop at Elevation
- Reduced Pinch Points and Crush Weights
- Improved Field Use with a Single Operator
- Reduced Potential for Improper Use

OTHER FINANCIAL SAVINGS:

- Longer Lifespan through Truck Body Removal
- Operation and Labor Cost Savings with Quick Single Person Installation
- Insurance Claims and Workforce Downtime Costs

ADVANTAGES OVER SYNTHETIC FIBER SLINGS



ENGINEERED SAFETY AND RELIABILITY:

- Improved Inspectability – Outside-In, Go / No-Go Inspection System
- Improved Misuse Prevention and Detection – Minimized Potential for Unsafe Conditions
- Integrated Design Minimizes Improper Hardware and Installation Issues
- No Strength Loss When Wet
- Improved Chemical Resistance
- Improved Fiber Damage Protection and Control
- Minimized Potential for Strength Loss Due to Unknown Conditions

HANDLING SAFETY / INJURY PREVENTION:

- Shackle Free – No Pins / Wrenches / Shackles / Links to Handle
- Reduced Hardware Pinch Points
- Improved Weight and Ergonomics over Nylon / Polyester Slings
- No Eye Injuries from Dirt / Dust Saturation
- No Increase in Weight When Wet – Ideal for Wash Stations
- No Freezing from Wet and Cold Conditions – Improved Field Use.

Systems Designed to fit Caterpillar, Komatsu, Liebherr, Hitachi, Bucyrus, Terex, Belaz, and Others.

TRUSTED PERFORMANCE

Applied Fiber is the most trusted company for terminated synthetic fiber systems worldwide. Our products are utilized where performance, reliability, and quality are essential. We deliver engineered tension systems for production and specialty applications across Defense, Offshore Oil and Gas, Mining, Medical, Commercial Marine, Energy, Industrial, and OEM markets, among others. To learn more about other Applied Fiber products and technology, visit www.applied-fiber.com.