



Safer and Lighter Plasma® Mining Truck Tie-back Cables

Using the amazing lightweight strength benefits of patented Plasma® HMPE fiber as its core strength member, Cortland has partnered with Applied Fiber to engineer and manufacture a stay cable which greatly increases mine worker safety and productivity.

The jacketed Plasma® Truck Tie-back cable is designed and built specifically to keep a truck bed open during maintenance. It is lightweight, with durable end terminations; eliminating the need for traditional rope splice areas and providing the critically necessary correct D:d connection into the existing truck pad-eyes. No shackles are needed. The secure connection will provide similar elongation properties to wire rope cable it is designed to replace. Cortland's Plasma® ropes are used extensively in critical applications around the world as a proven replacement to wire rope; marine, industrial, slings, etc.

All Plasma® Mining Truck Tie-back cables are proof-tested to two (2) times the WLL prior to shipment, are load-rated and tagged.

Features

- An engineered synthetic fiber cable specifically designed for lightweight safety and security when keeping a mining truck bed open during maintenance
- Lightweight
- Easy handling
- Shackle free
- Durable sealed thermoplastic jacket over cable
- Lightweight high strength aircraft aluminum end fittings
- Fits CAT, Komatsu, Liebherr, Hitachi and Terex trucks

Benefits

- Easier to handle vs wire cable
- Approximately 1/3rd the weight of steel – can be installed by one person
- No wire-related issues: fish hooks, corrosion, etc.
- No alignment installation issues due to cable twists or kinks
- No water absorption; jacket prevents particulate intrusion
- Longer service life than wire rope



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Plasma[®] Mining Truck Tie-back Cables

Plasma[®] Mining Truck Tie-back Cables are built to hold up the bed of a haul truck during maintenance operations. Designed for straight pull loads only. Do not use as a choker or in a basket configuration.

All capacities are in tons of 2,000 lbs. All dimensions are in inches. Rated capacities are based on a design factor of 5.

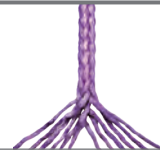
Materials

Cable Materials: Plasma[®] Fiber Core Strength member / Kevlar[™] Sleeve / Urethane Jacket

Rated Capacity: 23 Ton

Anchor and Fitting Material: Aircraft Aluminum

Pins and Hardware: Heat Treated 4140 Steel



End Fitting Availability

	Side View	Top View
Fork		
Pivot Eye		
Eye		

Length



WARNING

Inspect before use. Follow OSHA, ANSI B30.9 or Manufacturers Guidelines. Use by untrained persons is hazardous. Improper use will result in serious injury or death. Do not exceed rated capacity. This product will fail if damaged, abused, misused, overused or improperly maintained.