



WARNING To The Users of Mine Tow Straps



The **WARNING** icon, used in our product information is done to alert sling users to potentially hazardous conditions and situations.

WARNING It is your explicit responsibility to consider all risk factors prior to using any rigging device or product. Read and understand the information contained in this bulletin, in our catalog, on our website www.lift-it.com and follow OSHA and ASME guidelines. Use by untrained persons is hazardous.

The American Society of Mechanical Engineers, in the ASME B30.9 Sling Safety Standard, clearly establishes the requirement for training. Section 9-6.1-Training states, "Roundslings users shall be trained in the selection, inspection, cautions to personnel, effects of the environment and rigging practices, covered by this chapter."

WARNING All Products provided by Lift-It® Manufacturing Co. Inc. are sold with the express understanding that the purchaser and user are thoroughly familiar with the safe and proper use and application of the product. The user has the responsibility for proper use and application as outlined in all applicable standards and regulations. Use by untrained persons is hazardous. It is important that all sling and rigging users be thoroughly familiar with the manufacturer's recommendations and safety information that accompany the products. The user must have sufficient training and knowledge of all applicable standards to responsibly use our products. If you are unsure whether you are properly trained and knowledgeable or if you are unsure of what the standards and regulations require of you, ask your employer for information and/or training. **DO NOT** use any sling or rigging device until you are absolutely sure of what you are doing. Remember, when it comes to using slings and rigging devices, lack of skill, knowledge and care can result in severe INJURY or DEATH to you and others.

WARNING Failure to follow proper use, care and inspection criteria could result in severe personal injury or death. Slings and rigging products will fail if damaged, abused, misused, overused or improperly maintained.

Any hazardous condition disclosed by an inspection shall require Tow Strap replacement. Temporary repairs are not permitted. Damage and wear seriously reduce Tow Strap work load limits.

Always know the load weight and select the appropriate Tow Strap for the load.

Ensure that the load will not cut the Tow Strap during the lift by padding corners, edges, protrusions or abrasive surfaces with suitable materials of sufficient strength, thickness and construction.

Store in a cool, dark, dry location, which is free of environmental and mechanical damage.

WARNING Tattle Tails, Fiber Optics and/or the Check Fast™ inspection system cannot be used exclusively to determine the condition of the load carrying fibers or sling. These patented, inspection devices must be used in conjunction with visual and tactile inspection techniques to determine sling condition. If there is any doubt, do not use this or any other rigging product. Return the sling to the manufacturer for factory repair evaluation.



WARNING To The Users of Mine Tow Straps

Mine Tow Straps shall not be used for pulling, towing and/or vehicle recovery applications or be allowed to pull against stuck objects unless the user is qualified for this purpose and employs the following practices:

Attachment points must be suitable for the application; detached connection points can be deadly projectiles. Stand far away from the vehicle and strap while under tension. Ensure that connection points exceed the break strength of the Tow Strap.

The amount of tension applied to the Tow Strap shall never exceed Tow Strap Work Load Limits. Consideration shall be given to dynamic loading factors such as suction, incline, etc. Shock loading shall be avoided. If you are not capable of determining loading factors use load measuring devices or equipment controls to avoid overloading.

All applications shall ensure that control is maintained at all times over all components and materials. Planning shall involve the consideration of an uncontrolled release of any component or material. The release of tension and energy can result in serious injury or death.

- Inspect before each use.
- Do not use a damaged strap.
- Avoid dragging the strap.
- Do not tie into knots.
- Avoid contact with hot exhaust
- Do not overload the strap.

**NEVER USE A TOW STRAP FOR ANY LIFTING APPLICATION.
ALWAYS ROTATE THE STRAP TO CHANGE CONNECTION POINTS.
NEVER STAND UNDER, ON, NEAR OR IN LINE WITH TOW STRAP UNDER TENSION**

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Mine Two Strap Inspection



Mine Tow Straps must be inspected thoroughly for damage. Visual, tactile and patented inspection systems such as Check-Fast®, Fiber Optics and Tattle Tails will assist inspectors in determining sling condition. Mine Tow Straps shall be removed from service for an evaluation by the manufacturer if any of the following conditions are detected.

1. Check-Fast® Early Warning Indicator (EWI) and Tattle Tail indicators shall extend past the sling tag area. If Mine Tow Straps are equipped with Check-Fast® and the EWI is not visible or both Tattle Tails are not visible, remove the strap from service and return to the manufacturer for repair evaluation.
2. If Mine Tow Straps are equipped with the Fiber-Optic Inspection option, inspect by allowing light to enter the fiber optics. If fiber optics does not transmit light from end to end, remove the strap from service and return for repair evaluation.
3. If Mine Tow Strap tags are missing or illegible, it shall not be used and be returned for repair evaluation.
4. Inspect for evidence of heat damage, i.e., melting, charring or weld spatter. Mine Tow Straps with K-Spec® and polyester core yarn shall not be exposed to temperatures above 180°F/ 82°C or below -40°F/- 40°C.
5. If any part of the Mine Tow Strap is stiff or brittle, indicating heat or chemical damage, remove it from service. Return the strap to the manufacturer for repair evaluation.
6. Mine Tow Straps shall be examined throughout their length for damage such as: holes, tears, cuts, embedded materials, abrasive wear or snags that expose the core yarn. If damage is detected, straps shall be removed from service for repair evaluation.
7. Damage to the cover may indicate a loss of core yarn strength. Mine Tow Straps with signs of cover damage shall not be used until evaluated by the manufacturer.
8. If core yarns are broken, cut or damaged, straps must be removed from service. If broken stitching in the cover exposes core yarn, Mine Tow Straps must be removed from service for repair evaluation.
9. Mine Tow Straps and attached fittings shall be regularly inspected. In addition to the initial inspection and periodic inspections done by designated, competent inspectors, Mine Tow Straps shall be visually inspected before use.
10. Fittings determined to be elongated, damaged, corroded or not AMSE B30.10 and/or ASME B30.26 compliant shall be removed from service for repair evaluation.
11. Mine Tow Straps that are tied in knots or joined by knotting.
12. Inspections shall be performed as required by competent persons and inspection documentation shall be maintained. Inspections may be done more often based on: frequency of use, severity of conditions or experience gained on the service life of Mine Tow Straps used in similar circumstances. Periodic inspection intervals must not exceed 1 Year.
13. Mine Tow Straps removed from service that are not repairable shall be destroyed and rendered completely unfit for any future use.

✓CHECK-FAST® EWI PRESENT
(Sling passes inspection)



TATTLE TAILS PRESENT
(Sling passes inspection)



FIBER OPTIC-Transfers Light
(Sling passes inspection)



✓CHECK-FAST® EWI MISSING
(Sling fails inspection)



TATTLE TAIL MISSING
(Sling fails inspection)



FIBER OPTIC-No Light Transfer
(Sling fails inspection)



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