



WARNING To The Users of Synthetic Wheel Nets



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 9-5.1-Training states, "Synthetic webbing sling 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.

WARNING DEATH OR SERIOUS INJURY CAN OCCUR THROUGH IMPROPER USE OR FAILURE TO FOLLOW THESE INSTRUCTIONS

WHEEL NET CONSIDERATIONS:

- 1) Verify the total weight of the vehicle and ensure it does not exceed the work load limits of the nets.
- 2) Ensure the nets are of the correct size to accommodate the vehicle.
- 3) Wheel nets must cover 40% of the tire diameter.
- 4) Never allow any part of the frame, exhaust, axles, drive shafts, leaf springs, mirrors or other objects to contact any part of the net.
- 5) Use protective padding in the tire area to prevent any damage that may occur due to extended axle housing, lug nuts and/or studs, etc.
- 6) Center the tires in both the horizontal and vertical centers of the net. Failure to do so may result in a unbalanced load which may shift while lifting and can result in damage to the nets and loss of load control.
- 7) Always inspect netting systems per ASME B30.9 criteria before each use.
- 8) Utilize spreader beams to ensure the netting system does not come in contact with the vehicle.
- 9) Ensure that there are no loose or moving parts on the vehicle.

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Synthetic Wheel Net Safety Information



PRE-USE INSPECTION

The wheel net assembly must be inspected **before each use**. Remove the Wheel Net from service if any of the following conditions are present:

- a) Missing or illegible sling identification. Wheel Nets shall be marked to show the following:
 - i) Name or trademark of the manufacturer
 - ii) Manufacturer's code or stock number
 - iii) Rated load for the wheel net
 - iv) Type of synthetic material
- b) Acid or caustic burns
- c) Melting or charring of any part of the Wheel Net
- d) Holes, tears, cuts or snags
- e) Broken or worn stitching in the load bearing splices
- f) Excessive abrasive wear
- g) Knots in any part of the Wheel Net
- h) Discoloration and brittle or stiff areas on any part of the Wheel Net, which may mean chemical or ultraviolet or sunlight damage
- i) Fittings that are pitted, corroded, cracked, bent, twisted, gouged or broken
- j) For hooks, removal criteria as stated in ASME B30.10
- k) For other applicable hardware, removal criteria as stated in ASME B30.26
- l) Other conditions, including visible damage, that cause doubt as to the continued use of Wheel Nets

OPERATING PRACTICES

Before a lift is attempted, the following test is required:

Attach the Wheel Net assembly to the vehicle, then lift and suspend the vehicle above the ground, a minimum distance for ten minutes. After successfully completing this test, proceed with the actual lifting operation.

- The Wheel Net shall be securely attached to the load and rigged in a manner to provide for load control.
- The Wheel Net should contain or support the load from the sides above the center of gravity.
- Twisting and kinking the sling legs (branches) shall be avoided.
- Wheel Net shall always be protected from being cut by corners, edges, protrusions or abrasive surfaces by materials of sufficient strength, thickness and construction.
- Do not accelerate or decelerate the load too fast. The "G" force on dropped load could surpass the ultimate strength of the Wheel Net. A load picked up too fast can work up a stretch/friction/surface heat that will surpass the melting temperature of the Wheel Net.
- Wheel Nets shall not be constricted or bunched between the ears of a clevis or shackle, or in a hook. When Wheel Nets are used with a shackle, it is recommended that they be used (rigged) in the bow of the shackle.
- All hooks, shackles and other fittings must be free of damaging edges that could harm the Wheel Net.
- All loads applied to the lifting hook should be centered in the "bowl" of the hook to prevent point loading.
- Wheel Nets shall not be twisted or tied into knots, or joined by knotting
- Wheel Nets shall not be dragged on the floor or over abrasive surfaces.
- Wheel Nets shall not be pulled from under loads when the load is resting on the Wheel Nets.
- Personnel should stand clear of the load and shall not ride the load.
- Wheel Nets should never be used to pull an object in a snagged or constrained condition. Synthetic products are designed to stretch; the recoil caused by any sudden release of a lifting constraint could result in a dangerous projection of the load.
- During the lift, with or without load, personnel shall be alert for possible snagging.
- Do not drop objects or store heavy metal objects on top of Wheel Nets.
- Personnel should never be under, near or on a live or suspended load.
- Portions of the human body shall not be placed between the Wheel Net and load or between the Wheel Net and lifting hook.

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