



TUZ 012 TUZ 014 TUZ 040

EN CRANE TAG LINE



TUZ 012 - rope diameter Ø 12 mm TUZ 014 - rope diameter Ø 14 mm



TUZ 040 - sling diameter Ø 40 mm

The tagline TUZ is a line (polyester rope diameter 12 and 14 mm or polyester sling) that attaches to a load and provides control while minimizing movement of the object during lifting operations. The breaking strength of the device is 28 kN. Taglines are used to prevent line rotation when lifting with cranes. Using taglines may add potential hazards to personnel involved in the lifting operation.

Conditions appropriate to use a tagline:

- The crane's load will swing back and forth (etc. a load on an especially windy day)
- •The load's rotation will create hazards
- A load needs to be positioned or connected in a particular way when it lands

When rigging with taglines, make sure:

- Tagline is free of knots
- Taglines should have sealed ends so they don't fray
- •One rigger should be assigned to each tagline and be able to safely position themselves away from the load
- To secure long loads with taglines, attach them to the very ends
- •Taglines should be long enough that the assigned rigger can be in a safe location for the duration of the lift
- •Taglines must be held so the rigger can easily release the line if the load swings—This is important since it prevents the rigger from being thrown off-balance and into a more dangerous position
- •Wear the proper protective gloves when you handle taglines
- •You know the working-load limit of the tagline
- Taglines are fit according to your company's procedures/regulations
- Taglines are attached at a spot where they can be easily removed
- The load rotation can be controlled with taglines (if it's rotating/swiveling uncontrollably).

When rigging with a tagline, do not:

- •Use taglines if they'll create any sort of safety hazard
- •Use taglines to control a lift during inclement/adverse weather conditions
- •Go near or beneath, or let another rigger go beneath a load to retrieve a tagline
- Detach the tagline from the load until the crane operator and banksman position the load in its final location, with no load on the lifting gear
- •Loop the tagline around your wrist, or any other part of the body
- •Use taglines for routine back-loading of supply vessels
- •Temporarily or permanently attach, loop, twist or tie a tagline to adjacent structures or equipment in an attempt to control the load
- •Use a tagline if there's not enough clearance-room for the rigger to move from any spots where the load could fall
- Operating the tagline will cause a handler to be near a pinch point (A pinch point is any area where personnel risks having their extremities caught by a machine or equipment)
- Allow taglines to fall into rotors
- •When ever possible, attach your hook to a load block to prevent twisting of the hoist line.

It's important to note that taglines only work in tension. The handler should be able to hold the tagline at waist or shoulder-level—When the tagline must be held higher than this, it's less effective it is at controlling the load.

Sometimes, if the rope's not long-enough, the handler's instinct will be to pull the rope down, and end up pulling down on the load. This makes the tagline non-effective, and creates a more likely scenario that the load will fall on the handler.

Taglines can create pinch points, however they can also help prevent them in some cases. Sometimes a load can twist around the crane that's lifting it, and cause the load to bounce off nearby equipment or other parts of the crane—this can create pinch points, so taglines can be an effective way to control this.

Taglines provide extra security for positioning and landing difficult loads, particular in inclement weather—However, rigger's should exercise caution before using taglines extraneously.

Using taglines when unnecessary can sometimes create more hazards on-site, like producing pinch points or obstacles that could injure workers—This is why a rigging plan is especially important before conducting any lift, to ensure taglines are the right securing equipment for the application at-hand.

Tag lines provide the most effective load control when they are at a near horizontal level, at waist or shoulder height of the tag line handler. The higher the load, and more vertical the tag line, the less effective it will be helping provide load control. At some point if the rope is not of sufficient length, the tag line handler will actually start to pull down on the load instead of controlling the load. When this happens the tag line is no longer effective and the handler is most likely in the fall zone as well.

Taglines should be used to control block rotation, secure the load's landing or when inclement weather will cause the load to swing uncontrollably—But don't use them if they create more hazardous conditions for the handlers, rigger's and any other personnel on-site. Remember, preventing injury is the priority of any lift—Safety should always be #1

PERIODIC INSPECTIONS

Device must be inspected at least once every 12 months from the date of first use. Periodic inspections must only be carried out by a competent person who has the knowledge and training required for inspections. Every periodic inspection must be recorded in the Identity Card of the equipment.

MAXIMUM LIFESPAN OF THE EQUIPMENT

The maximum lifespan of the device is 10 years from the date of manufacture.

ATTENTION: The device maximum lifetime depends on the intensity of usage and the environment of usage. Using the device in rough environment, marine environment, contact with sharp edges, exposure to extreme temperatures or aggressive substances, etc. can lead to the withdrawal from use even after one use.

SafetyLiftinGear.com

MODEL AND TYPE OF EQUIPMENT

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IDENTITY CARD

It is the responsibility of the user organisation to provide the identity card and to fill in the details required. The identity card should be filled in before the first use by a competent person, responsible inthe user organization for protective equipment. Any information about the equipment like periodic inspections, repairs, reasons of equipment's withdrawal from use shall be noted into the identity card by a competent person in the user organization. The identity card should be stored during a whole period of equipment utilization. Do not use the equipment without the identity card.

SERIAL/BATCH NUMBER					
REFERENCE NUMBER					
DATE OF MANUFACURE					
DATE OF P	DATE OF PURCHASE				
DATE OF FIRST USE					
USER NAME					
	PERIODI	C IN	SPECTION AND REPA	IR HISTORY CARD	
DATE OF INSPECTION	REASON FOR INSPECTION OR REPAIR		DEFECTS, CONDITION NOTED REPAIRS CARRIED OUT	NAME AND SIGNATURE OF COMPETENT PERSON	NEXT INSPECTION DATE