

## SPECIFICATION SHEET

### Harness TORINO

CA: 34331 (Certificate of Approval) issued by Brazilian Ministry of Labor

### Specifications

Trademark: ULTRA SAFE Code: USC0023

#### Features

#### Dimensions and weights

Size 1	Size 2
<b>Waist:</b> ≤100 cm	<b>Waist:</b> 95 to 120 cm
<b>Legs:</b> 50 to 65 cm	<b>Legs:</b> 60 to 75 cm
<b>Weight:</b> 2000 g	<b>Weight:</b> 2100 g

**Color:** Black

#### Sewing

Made of 100% Polyamide filament that provides greater resistance to friction, in contrasting colors with the tapes for optimal viewing and inspection.

#### Tapes

High tenacity polyester webbing straps-high tenacity filaments grant resistance greater than the conventional filament.

#### Seams

Developed and tested individually held in vending machines that allow the operator greater control of quality and best performance.

**DRF** (Radial Distribution of strength): this circular stitching system provides a uniform distribution of tensile strength, whatever the direction.

**Zig-Zag:** continues sewing that provides great resistance in.

#### Hardware

Buckles and rings made of stamped steel, without seams or welds with surface treatment that ensures greater resistance to saline environments and humidity. Are self-blocking with quick adjustment system (Fast Fit) and pre mounted connection – the tape does not return after adjusting.

#### Fall indicator

In case the equipment is ordered near the limit load of work (fall), the system will indicate the need for product analysis.

#### Closure system

Accomplished through Oval Steel carabiner with screw (23 kN) or Automatic Triple-Lock aluminum carabiner (23 kN), when requested by the user.

#### Foams

**Thermo Form®** - Progressive density foam technology provides greater support, more comfort and breathability-prevents the accumulation of moisture.

**Air Mesh** - Cutting-edge technology in weft fabrics. Manufactured in synthetic fiber of high tensile strength and attrition, has an interlaced "Beehive" type construction (hive) that provides excellent breathability and soft touch.

#### Technical description

Paratrooper -type harness in polyester tape with Thermo Form® padded shoulders, waist and legs, has six double buckles (Fast Fit), being two to adjust the legs (one in each), two for waist adjustment, one for adjusting the height of the dorsal point where there is a plastic separator "backrest" and the other for adjusting the breastplate. Has five anchor points in metal rings, being one in the dorsal region and the other ring on pectoral region for fall protection, two curved lateral positioning rings being one on each side of the waist and a ring for positioning in the ventral region. Has equipment loops with maximum load of 2 kg, one on each side.



DRF seam



Zig-zag seam



Tape guide / retainer



Quick adjustment system  
Fast Fit

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### Recommended usage

For the constraint and restraint falls from work carried out at height, rescue, stay in suspension, positioning, horizontal and vertical movement (ascent and descent by rope). The pectoral and dorsal rings can be used as a connection point for crashes falls and lanyards for protection against falls, the ventral ring for ascent and descent by rope or rescue situations and the lateral rings are indicated for work positioning.

### Recommendations

- Properly adjust all straps, buckles and carabiners. They should be monitored during execution of the work;
- Protect the product during transportation and use, avoiding shocks, abrasion (friction) on abrasive surfaces or sharp edges;
- Do not place weight on product;
- Avoid contact with chemicals;
- Periodically Inspect your PPE;
- Always duplicate the security systems against falls;
- In case of a malfunction the product must be unusable;
- Never store damp or wet equipment inside bags and backpacks closed;
- READ THE MANUAL!

### ADVANTAGES AND BENEFITS OF TORINO HARNESS

**Concept** Torino harnesses have been designed taking into account the concepts of ergonomics, functionality and safety of the worker.

**Quality** The development of this harness was monitored and tested by professionals. It is manufactured using raw materials of the highest quality and the production is held in vending machines that eliminate any possibility of human error.

**Dorsal D-ring fixed with adjustable ribbons** The dorsal D-ring of the belt was designed to do not slide upwards when the D- ring receives cargo.

If the load received by equipment - be it under normal conditions of use or during a fall - swung the dorsal D-ring upwards towards the neck of the user, the ribbons that flow over the shoulders could pinch and disturb your neck. But it's not just the discomfort: in case of a prolonged suspension, they could even endanger the carotid arteries with severe consequences for the user. Fixing the dorsal D-ring at waist back solves this problem and allows the peak impact force is absorbed by the pelvis and thighs — unlike the coasts — increasing the comfort and safety of the worker.

**Abdominal D-ring** This D-ring is perfect for descents in rappelling with safety and comfort, using equipment of descent (figure "eight", descender, etc.) and also allows a positioning "sitting" during rappelling, with comfort and stability.

**Folding D Rings on the sides of the waist** They can be positioned forward for work positioning activities, or backward, to facilitate access to confined spaces.

**Pectoral ring** This ring is recommended to rise by ropes and fall protection.

**Ergonomic waist** The wide semi rigid waist offers support, unique security and exceptional ventilation.

