

TECHNICAL DATASHEET

STS

Waist Belt

SPARE SUSPENSION TRAUMA

Product Introduction:

- Suspension trauma occurs when the human body is suspended motionless in a vertical position for a long time. A suspension trauma relief strap is a safety device that can be added to a personal fall arrest system to help prevent suspension trauma. The strap is attached near the waist of the harness and the worker steps into it to relieve pressure.



Features:

- The two packs are compact, lightweight and easily installed to
- After a fall, the packs can quickly be unzipped, deploying the web loop and hook straps which can easily be connected and adjusted to provide a strap for the foot to conveniently step into.
- Length of the strap is adjustable at five size, can be adjust according to user comfort.
- This allows the worker to stand in their harness and relieve the pressure through the body while waiting for rescue.

Product Specifications:

Model	:	SUSPENSION TRAUMA STRAP
Material	:	Durable polyester
Webbing	:	20mm wide
Closures	:	Zipper fasteners
Hook	:	Alloy steel with golden zinc plating
Safe Working Load Capacity	:	100 kg
Adjustable Length	:	1.1 m/1.0 m/0.9 m/0.8m/0.7 meter
Weight	:	0.2 lbs./91g (Approx.)

Benefits:

- **Relieving pressure:** The straps allow the worker to stand up in their harness and relieve pressure on their arteries and veins.
- **Continuous loop design:** The straps relieve pressure on both sides of the harness.
- **Adjustable loop:** The straps can accommodate either one or both feet at a time.
- **Comfort and balance:** The straps increase comfort and balance while maintaining circulation in the legs.
- **Prevent permanent damage:** The straps help prevent permanent damage from hanging for long periods of time.

STS (SUSPENSION STRAUMA STRAP)

Applications:

- **Work at Height:** When a worker falls, they can deploy the straps to create a loop that they step into. The straps relieve pressure on the legs by allowing the worker to straighten their body on the footrest. This improves circulation and reduces the risk of suspension trauma.

Industries:

The Harnesses are essential for creating a temporary anchorage point for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



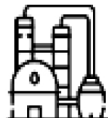
Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- Workers must receive proper training on how to use, inspect, and maintain the belt.
- A rescue plan should be in place to deal with any emergencies that may occur.

Usage Instruction:

- **Inspection:** The Suspension trauma straps should be inspected before each use and annually by a competent person other than the user. Suspension trauma straps should also be cleaned after each use to remove dirt, corrosives, and contaminants. If the strap fails inspection, it should be removed from service and destroyed.

Storage:

- Always STS should be stored in a dry area away from ultra violet rays. It Should not store in direct /high heat or sunlight as this may distort the colour. The Trauma strap can be stored and transported in their original cartons to avoid corrosion due to atmospheric moisture, excessive heat or cold.