

Dromex



FALL PROTECTION ACCESSORIES SAFETY SUSPENSION TRAUMA STRAP



DFA-STS01

Description

The Dromex® DFA-STS01, suspension intolerance leg strap is an invaluable fall arrest system accessory as it is used by a victim of fall arrest to combat the ill effects of suspension trauma, by alleviating and relocating pressure on the body while the user waits for his/her rescue, suspended in his/her harness providing the comfort of standing.

This suspension leg straps function by re-directing the blood pressure exerted by the weight of the body on to the legs, preventing pooling of blood and pressure in leg arteries, allowing circulation into the heart and brain.

Without the suspension strap, within a few minutes whilst awaiting rescue, the user can experience the following health conditions: unconsciousness's, dizziness, nausea, heart palpitations and possibly death.

This suspension device features the following:

- A double, Y shaped lanyard (PN361N) with steel scaffold hooks and an energy absorber that is attached on the single Dorsal D-ring of the harness.
- A compact and light-weight pouch design that does not hamper the activity of the user while at work.
- Allows the suspended worker to stand up in his harness to relieve pressure on his legs.
- Easy to attach to the harness between the waist and thigh areas with the help of the textile loop provided.
- Simple deployment.
- In the event of a fall, the victim can easily zip-open the pouches and attach together the deployed webbing straps with the help of a convenient buckle.
- Once deployed the textile loops on the legs straps allow for adjustment to the height of the worker.

Suitable for use when working at heights in the construction (scaffolding, high rope access), ship building, mining, warehousing and general maintenance industries (window cleaning, painting).

Special Instructions

- It is essential to verify that the medical condition of the user is fit to use the product in normal and emergency use.
- Only competent users who have received training should use this equipment.
- Ensure before and during use that a rescue plan is in place to rescue the user after a fall has occurred.
- Ensure that the equipment is compatible with other items when assembled into a system.
- It is essential to verify free space required beneath the user at a work place before each occasion of use so that in case of a fall there will be no collision with the ground or other obstacle in the fall path.
- Extreme caution must always be taken when operating or working near active machinery.
- Minimum Breaking Strength: 200 Kgf
- CAPACITY / USER WEIGHT: SWL or Max user weight - 140kg.
- If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer or a competent repair centre for servicing and re test.
- Please retain your information booked enclosed in the packaging as it contains your suspension strap inspection schedule, required for inspections.

- It should not be used in highly acidic or basic environments.
- Do not make any alterations or additions to the equipment without the manufacturer's prior written consent and that any repair shall only be carried out by personnel trained by the manufacturer & duly authorized by him.
- The equipment shall not be used outside its limitation, or for any purpose other than that for which it is intended.
- A competent person other than the user must inspect suspension straps and they must record inspections logs given in the suspension strap instruction manual accompanied in the packaging.
- The equipment shall not be used outside its limitation, or for any purpose other than that for which it is intended.
- Protect the equipment from mechanical hazards like sharp edges, tools, exposure to sunlight, ultraviolet degradation both during usage, transportation and storage.
- None of the materials or processes used in the manufacture of these products are known to be harmful to the wearer.
- The manufacturer has examined under the system for ensuring quality of production by means of monitoring and inspection.
- Actual conditions of use cannot be directly simulated in a test environment therefore it is the responsibility of the end user and not the manufacturer or supplier to determine the tool lanyard suitability for the intended use.
- No item of PPE can provide full protection and care must always be taken while carrying out the risk related activity.

Specifications

Style:	Two suspension straps encased in a textile zip pouch with buckle and textile loop placement
Material Webbing:	20 mm wide polyester
Material stitching threads:	High tenacity polyester
Buckle:	Zinc plated steel
Weight:	110 gm + 10 gm

Packaging, Storage & Obsolescence

DFA- STS01 is packed in a polybag and sold individually.

Store in a cool dry place, that is clean and ventilated and placed away from direct sunlight, extremes of temperature and chemically hazardous environments.

Never place heavy items on top of it.

If the product is wet, allow it to dry fully before placing it into storage. It is preferred that the product be transported in its original packing.

Cleaning & Maintenance

As with any piece of equipment, intolerance straps require maintenance and storage to ensure they function properly.

- Regular inspection is recommended prior to using this accessory with a harness. It can be used on numerous occasions if it has been inspected prior to use and shows no sign of damage.
- In case of minor stains, wipe the equipment with a cotton cloth or a soft brush.
- Metallic parts incorporated lanyard should be wiped with a dry cloth.
- Do not use any abrasive material.
- For intensive cleaning wash in water only the webbing at a temperature between 30 °C and 60 °C BY using a neutral detergent (pH7).
- Do not use acid or basic detergents.
- Follow the washing instructions without any deviations.
- After cleaning and drying, and when not in use, store the equipment in a dry dark cool position, preferably away from moisture, direct sunlight, extra acidic or basic conditions, & sharp edges.
- DO NOT STORE THE EQUIPMENT WET.

Shelf life

The estimated product lifespan of this product is 10 years from the date of first use as long as they are examined by a qualified individual who has been trained by the manufacturer in accordance with EN365 requirements. After 10 years OR if it doesn't pass the competent person examination, the product must be taken out of service.

Ensure product storage guidelines are followed.

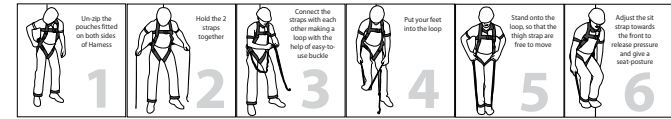
The following factors can reduce the lifespan of the product: intense use, contact with chemical substances, specially aggressive environments, extreme temperature exposure, UV exposure, abrasion, cuts, violent impacts, bad use, or maintenance.

Instructions to be followed before use

- It is important to carry out a pre use check of the equipment to ensure that it is in a serviceable condition.

- The pre-use check shall involve checking of any wear or abrasion on the webbing and sign of corrosion, if any on the metal parts.
- Inspect the suspension strap for any rupture or damage of the webbing. Particularly the stitching of the webbing at the ends should be intact.
- In case of any doubt arising about the condition of any component or system, replace it immediately.
- If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer or a competent repair center for servicing and re test.

How to use the suspension strap



Drawing



Periodic Examination

- Regular inspection is recommended prior to using this product with a harness.
- It can be used on numerous occasions if it has been inspected prior to use and shows no signs of damage.

Marking



Marking on Product

The Energy Absorbing Lanyard is marked with:

- Identification of the manufacture and address
- Type of product code
- Month & Year of Manufacture
- Batch/Lot Number
- Serial Number of Lanyard
- Material
- Pictogram that indicates to read the instructions

Disposal

When the suspension intolerance strap becomes unfit or in the case of any wear and tear, dispose off it immediately.

Steps for safe Disposal:

- Segregate the equipment in three different crates for placing components in them respectively such as - Textile, Metal and Plastic.
- Spread the suspension intolerance strap on a flat surface/table
- Inspect the wear & tear present on the intolerance strap.
- If any wear and tear is observed, dispose off the suspension intolerance strap using a sharp scissors; first cut the Textile and dismantle the suspension intolerance strap.
- Thereafter remove the metal & plastic components separately from the lanyard.
- Put the Textile, Plastic & Metal components in their respective plastic crates.
- Once segregation done, arrange to send them for recycling or disposal (as appropriate) through authorized agencies as per local or national law.

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