

TECHNICAL DATASHEET

ULTRATEK AS Full Body Harness

ULTRATEK AS ANTISTATIC LITE FULL BODY SAFETY HARNESS

STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021 

Product Introduction:

- An anti-static harness is a safety harness designed for work in explosive atmospheres where there is a risk of electrostatic discharge. They are made from special materials that prevent the build-up of static electricity and the risk of igniting an explosive atmosphere.

Features:

- The harness comes with one dorsal D-ring, one Sternal D ring for fall arrest, Two lateral D ring on waist for work positioning and One Ventral D-ring at waist level for rope access.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Available with fully adjustable shoulder, waist and thigh.
- Built in dual colour webbing for easy orientation.
- Comfortable and cushioned padding on Waist for comfort during long duration use.
- Y-shaped padding and buckle on shoulder make it comfortable, simple, fast and easy access and donning.
- Ideally positioned sit-strap for extended comfort.
- Webbing tested as per EN1149-5 for electrostatic properties.



Product Specifications:

Model	: ULTRATEK AS
Webbing Material	: AZO free dyed antistatic properties
Webbing Width	: 44 +/-1 mm
Webbing Breaking Strength	: 22 kN (Minimum)
Safe Working Load Capacity	: 100 kg
Stitching Thread Material	: High tenacity virgin multifilament polyester
Stitch Thread Colour	: White
Metal Components	: High quality alloy steel, zinc plated, free from any sharp edges
Harness Colour	: Green & Orange
Weight	: 2.2kg Approx. (Only Harness)

Benefits:

Prevents ignition: Antistatic material prevents the risk of ignition from electrostatic discharge (ESD). This is important for people working in potentially explosive atmospheres or around electronics that can be damaged by ESD.

Divides collision force: An antistatic harness is designed to distribute the force of a collision in case of a fall.

Easy to adjust: Antistatic harnesses often have adjustable straps for the shoulders, legs, and chest.



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Applications:

- **Fall Arrest:** Fall arrest harnesses are designed for use in situations involving elevated heights, where workers are exposed to hazards that may involve a free fall. These harnesses, which are a crucial component of personal protective equipment (PPE), typically feature a back dorsal D-ring, which is a critical component of the harness's safety design.
- **Working at Height:** Harnesses are used whilst working at heights, they are secured to an anchor point for preventing falls from heights that can result in serious injuries and even fatalities, the safety harness is one of the most effective ways to prevent them.
- **Rope Access:** The harness can be used in various Rope Access operation like Rescue, Maintenance and cleaning etc.
- **Work Position:** A harness can be used for work positioning to hold a worker in place at elevated heights while allowing them to work hands-free. A work positioning harness is a type of full body harness that has positioning D-rings on the both side of waist to allow the worker to use both hands.

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 are as follows.



Safety Information:

- Users of fall-protection equipment should not exceed 100 kg of total mass (including tools and equipment).

Usage Instruction:

- **Inspection:** Harnesses should be inspected in every 6 months' interval. Damaged or defective harnesses should be discarded from service immediately after inspection.

Storage:

- Always harness 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 sling can be stored and transported in their original cartons to avoid corrosion due to atmospheric moisture, excessive heat or cold.

