



TECHNICAL DATASHEET

UB102

Full Body Harness

FULL BODY SAFETY HARNESS WITH ENERGY ABSORBING LANYARD AND SCAFFOLDING HOOK

STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021, IS 3521(Part 2): 2021, IS 3521(Part 5): 2021 

CERTIFIED AS PER EN 361:2002, EN 354:2010, EN 355:2002, EN 362:2004 

Product Introduction:

- Full Body Harness is a premium safety gear engineered to deliver unmatched protection at height. Designed for superior comfort and performance, it evenly distributes fall arrest forces across the body and offers secure attachment points for lanyards, lifelines, and other fall protection equipment—ensuring workers stay safe, confident, and productive in challenging environments.

Features:

- The harness comes with one dorsal D-ring and Two textile chest attachment loops for fall arrest.
- Chest-mounted lanyard parking point for safe and secure storage when lanyards are not in use.
- Adjustable straps at chest and thigh.
- Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Dual colour type webbing for easy orientation.

Product Specifications:

Model: UB102

Webbing Material: Polyester

Webbing Width: 44 +/-1 mm

Webbing Breaking Strength: 23 kN

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: Yellow and Black

Lanyard Materials: Polyamide/Braided

Weight: 0.96 kg Approx. (Only Harness)



Benefits:

- Lightweight design:** High strength & Lightweight material makes it more user friendly.
- 360° Support:** Distributes impact forces evenly to minimize injury in the event of a fall.
- Durable Construction:** Made from high-strength webbing and corrosion-resistant edge free hardware.
- Compliance:** Meets relevant safety standards.



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Applications:

- **Construction & Scaffolding:** Provides reliable safety during the construction period of infrastructure and scaffolding tasks.
- **Fall Arrest Systems:** Protects workers from falls during elevated work.
- **Rescue & Evacuation:** Essential for retrieval and emergency scenarios.
- **Tower Climbing:** Enables safe climbing for utility and energy sectors.

Industries:

This can be used for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries are as follows.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- Full body harness should be use with appropriate fall arrest device with energy absorption facility.
- Users of fall-protection equipment should not exceed 100 kg of total mass (including tools and equipment).

Usage Instruction:

- Inspect before use
- Ensure all buckles, straps, and D-rings are securely fastened.
- Follow manufacturer instructions for donning, adjustment, and maintenance.
- Replace the harness immediately if it has been involved in a fall or shows signs of wear.
- Only trained and authorized personnel should use fall protection harnesses.
- Never modify the harness in any way.

Storage:

- Always store the harness in a dry, well-ventilated area. Avoid keeping it in direct sunlight, high heat, or extreme temperatures, as this can weaken materials or cause fading. For added protection, store and transport the harness in its original packaging to prevent from contamination or damage.