



TECHNICAL DATASHEET

UB121

Full Body Harness

UB121 FULL BODY SAFETY HARNESS WITH ENERGY ABSORBING LANYARD AND SCAFFOLDING HOOK

STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021, CONFORMING TO EN 361:2002, EN 354:2010, EN 355:2002, EN 362:2004, EN 1497:2007  

Product Introduction:

- A multi-purpose full body harness designed for confined space entry, exit, and rescue operations. It combines fall arrest, ladder climbing, and retrieval functionalities, ensuring maximum safety and efficiency in restricted environments.

Features:

- Full body harness Conforms to Class A, L, and E specification.
- One dorsal D-ring and one chest attachment ring for fall arrest.
- Shoulder-mounted strap with D-ring for vertical entry and retrieval in confined spaces.
- Adjustable chest, side and thigh straps for a secure and comfortable fit.
- High-strength polyester retro reflecting webbing provides superior load-bearing capacity with high visibility in low light area.
- Ideally positioned sit-strap for extended comfort.
- Corrosion-resistant metal fittings ensure long-term durability.
- Integrated energy absorbing twin leg lanyard for fall arrest



Product Specifications:

Model	: UB121
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 strength edge free zinc plated alloy steel
Lanyard Materials	: Polyamide
Weight	: 1.54 kg Approx. (Only Harness)



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Benefits:

- **Quick Response:** Enables 100% tie-off and safe retrieval during confined space operations also Ensures quick rescue response in emergencies
- **Multipurpose Application:** Versatile for multiple applications for fall arrest, and retrieval in confined space and similar operation.
- **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 for reliability in harsh environments.
- **Compliance:** Meets relevant safety standards.

Applications:

- Confined space entry, exit, and rescue operations.
- Fall arrest protection during maintenance or inspection work.
- Ladder climbing and vertical positioning tasks.
- Tank, silo, and manhole access in industrial environments.
- Construction, utilities, and plant maintenance work at height operation in enclosed area.

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:

- 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:

- Ensure all buckles, straps, and D-rings are securely fastened.
- Follow manufacturer instructions for donning, adjustment, and maintenance.
- Replace 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.