



TECHNICAL DATASHEET

UB104 DE Full Body Harness

DIELECTRIC FULL BODY SAFETY HARNESS

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

CONFORMING TO EN 361:2002, EN 358:2018

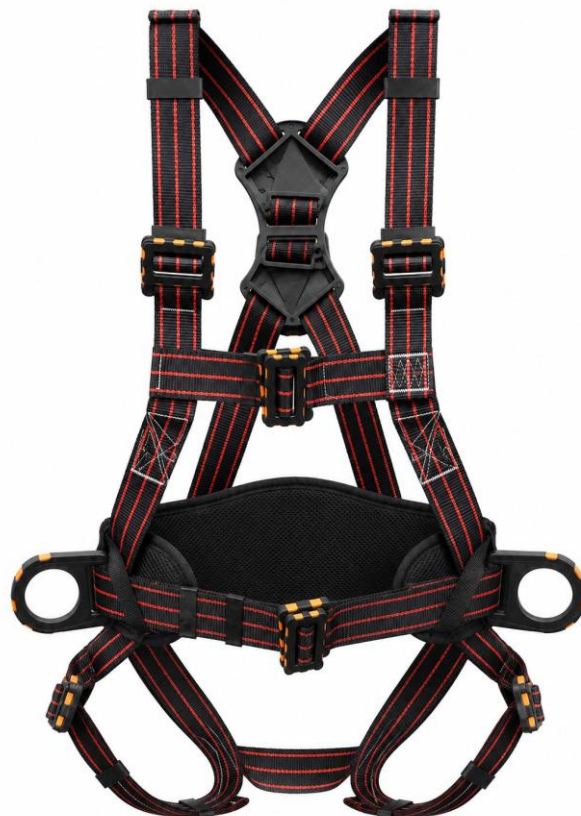


Product Introduction:

A dielectric harness is a safety harness constructed from non-conductive, insulating materials to protect workers from electrical hazards. It is designed to prevent electrical shock and related injuries by limiting current flow through the body. These harnesses typically incorporate an integrated fall-arrest system to mitigate fall impact and may include carabiners and hooks made of insulating materials. They are commonly used by personnel working at height in electrically hazardous environments, such as roofs, towers, and pylons.

Features:

- The harness comes with one dorsal D-ring and Two textile chest attachment loops for fall arrest Two Lateral D-rings on the waist for work positioning.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Available with fully adjustable shoulder, chest and thigh and waist straps.
- Built in dual colour webbing for easy orientation.
- Available with integrated work positioning waist pad.
- Ideally positioned sit-strap for extended comfort.
- Insulation coating makes it ideal for any electricity related application and while working in Glass line reactors.



Product Specifications:

Model	: UB104 DE
Webbing Material	: AZO free dyed synthetic Polyester
Webbing Width	: 44 +/-1 mm
Webbing Breaking Strength	: 23 kN (Minimum)
Safe Working Load Capacity	: 100 kg
Stitching Thread Material	: High tenacity virgin multifilament polyester
Stitch Thread Colour	: White
Metal Components	: Electrically insulated for 9kV dielectric resistance
Harness Colour	: Red and Black
Weight	: 1.55 kg Approx. (Only Harness)



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Benefits:

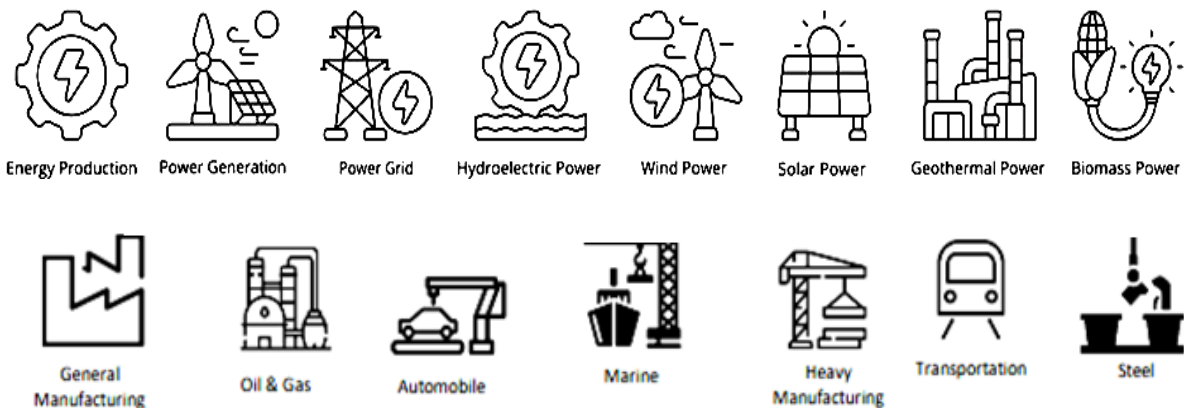
- Non-conductive components reduce the risk of electrical conductivity when working near live electrical lines.
- Dielectric hardware minimizes the possibility of electrical arc flash incidents.
- Provides additional assurance in high-risk electrical environments with fall arrest facility.
- 100% tie off while working at height.
- Reduces impact on user in the event of fall.

Applications:

- **Electrical Utilities:** Safe for linemen and technicians working near energized environment, poles, and transformers.
- **Fall Arrest:** Stops a person's fall by reducing the impact force through the integrated shock absorber, ensuring safety when working at heights where a fall risk exists.
- **Fall Restraint:** Restricts the worker's movement, preventing them from reaching areas where a fall could occur, while allowing mobility within a safe working zone.

Industries:

Dielectric harnesses in any manufacturing, construction, utility related industries where electrical job is required at elevated location.



Safety Information:

- Inspect the harness before each use for cuts, wear, or damage.
- Replace the harness immediately after a fall.
- Follow manufacturer's instructions and applicable safety standards during use and inspection.
- Do not use the harness in environments where electrical energy exceeds 9 kV.

Storage:

- Store the lanyard in a clean, dry, and well-ventilated area away from direct sunlight, heat, and moisture, ensuring it is completely dry and placed in its original packaging or hang properly to prevent deformation or abrasion.