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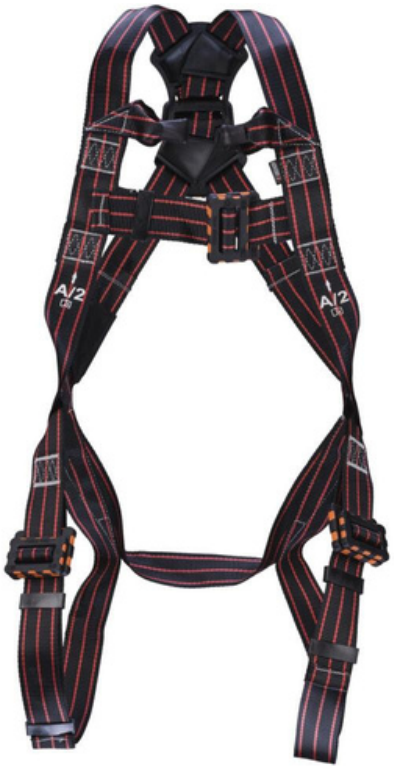
V-CARE
INSPIRING SAFETY AT WORK

TECHNICAL DATASHEET

UB102 DE
Full Body Harness

DIELECTRIC FULL BODY SAFETY HARNESS



STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021
CONFORING TOEN 361:2002 CE

Product Introduction:

- A dielectric harness is a safety harness made from non-conductive materials to protect workers from electrical hazards. Dielectric harnesses are specially designed to protect workers from electrical shocks and injuries by shielding them from electrical currents
- . The Dielectric harnesses are made from non-conductive materials, also known as electrical insulators.
  Dielectric harnesses often include an integrated fall arrest system to reduce the impact of falls. They may also include carabiners and hooks made from insulating material. This harnesses are used by workers who need to work at height, such as on roofs or pylons.

Features:

- The harness comes with one dorsal D-ring and Two textile chest attachment loops for fall arrest.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
  Available with Fully adjustable chest and thigh strap.
- Built in dual colour webbing for easy orientation.
- 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	: UB102DE
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	: 1.02kg Approx. (Only Harness)

Benefits:

- **Electrical insulation:** Dielectric harnesses are made with arc-resistant materials, such as insulated or dielectric steel attachments, and plastic. This makes them completely electrically insulated. **Adjustable:** Dielectric harnesses can have adjustable thigh straps and sternal straps.
- **Ergonomic design:** Some dielectric harnesses have elasticated shoulder straps for a snug fit and flexibility.

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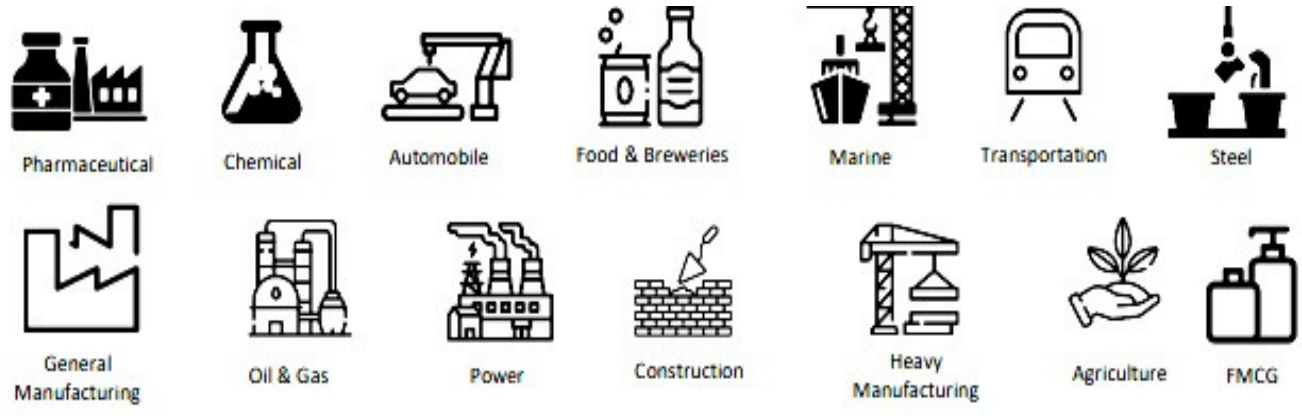
Applications:

- 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.
  Construction: Used for work in conditions with electrical hazards.

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.

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