



TECHNICAL DATASHEET

UB102FR

Full Body Harness

AGNI FLAME RETARDANT FULL BODY SAFETY HARNESS

STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021
CONFORMING TO EN 361:2002



Product Introduction:

A flame-retardant full body harness, manufactured with specialized heat-resistant webbing, designed to absorb high temperatures while ensuring reliable fall protection during work-at-height operations and hot work scenarios.

Features:

- One dorsal D-ring and Two flame retardant textile loop for fall arrest.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Fully adjustable chest and thigh strap.
- Ideally positioned sit-strap for extended comfort.
- Design for hot work like Welding, cutting etc.

Benefits:

- **Use during hot work:** Essential for worker engaged with hot work in work at height scenario.
- **360° Support:** Distributes impact forces evenly to minimize injury in the event of a fall.
- **Adjustable Fit:** Equipped with adjustable user-friendly buckles & straps at chest and thigh for adjustability.



Product Specifications:

Model	: UB102FR
Webbing Material	: Flame Retardant
Webbing Width	: 44 +/-1 mm
Webbing Breaking Strength	: 22 kN (Minimum)
Safe Working Load Capacity	: 100 kg
Stitching Thread Material	: High tenacity flame retardant
Stitch Thread Colour	: White
Metal Components	: High quality alloy steel, zinc plated, free from any sharp edges
Harness Colour	: Black
Weight	: 900 grams Approx.



UB102FR

Applications:

- **Welding and Cutting Jobs:** protection during elevated hot work.
- **Foundries & Steel Plants:** exposure to sparks, molten metal, and radiant heat.
- **Oil & Gas Industry:** for hot work in refineries, rigs, and processing units.
- **Power Plants & Utilities:** during maintenance near boilers, turbines, or high-heat areas.
- **Shipbuilding & Heavy Fabrication:** protection while working at heights with risk of sparks and flames.
- **Construction Hot Work:** working on structures involving grinding, torching, or flame cutting at height.

Industries:

The harness can be use in different industries as per the application.



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 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.