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TECHNICAL DATASHEET

UK01 JKG/JKO
Jacket Harness

UK01 SAFETY JACKET HARNESS

STANDARD: CONFORMING TO EN 361 :2002 CE

Product Introduction:

- A jacket harness, also known as a fall arrest jacket or vest Harness. Udyogi jacket harness is a safety harness that connects the worker to the fall protection system anchored into the structure they are working on. It is designed to safeguard the user from injury or fatal incident.
- The Jacket harnesses can be utilized in a variety of work environments, including construction, maintenance, and window washing. They are suitable for a myriad of tasks, including work on scaffolding, roofs, and high-rise buildings.

Features:

- Ergonomic horizontal H-shaped harness comes with one dorsal D-ring and Two textile chest attachment loops.
- Available with size adjustment straps at chest, thighs and shoulder Elasticated web keeper.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- The harness has lanyard parking feature
- For easy donning the harness available with zipper system with Special air-mesh fabric to enhance wearer comfort.
- Built in dual colour Reflective liner type webbing for easy orientation And high visibility.

Product Specifications:

Model	: UK01 JKG/JKO
Webbing Material	: Polyester
Webbing Width	: 44 +/-1 mm
Webbing Breaking Strength	: 25 kN
Safe Working Load Capacity	: 100 kg
Stitching Thread Material	: High tenacity virgin multifilament polyester
Metal Components	: High Strength Steel with component for better durability. Free from sharp edges. Capable of taking 50 hrs of neutral salt spray testing.
Harness Colour availability	: **Variant 1:** Black and Green webbing with Fluorescent Green Jacket with reflective liner **Variant 2:** Black and Green webbing with Fluorescent Orange Jacket with reflective liner
Weight	: 850 gm Approx.

Benefits:

- **Easy donning and doffing:** The jacket makes the harness quick and easy to put on and take off.
- **Protection from wear and tear:** The jacket protects the harness from dirt, chemicals, UV (sun light), and other contaminants.
- **Reflective webbing**: The high visibility of the webbing speeds up the rescue efforts and protect workers from horrible collisions.

Udyogi

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UK01 Full Body Jacket Harness

Applications:

- **Work at Height:** Appropriate for working on scaffolding, roofing, and high-rise construction work.
- **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.

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 as follow.

Safety Information:

- Energy absorbing lanyard should be used together with Full Body Harness as connecting subsystem in PFAS as per latest IS standard.
- 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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