



TECHNICAL DATASHEET

WL22 AS

**ENERGY ABSORBING DOUBLE ANTISTATIC WEBBING LANYARD
WITH SCAFFOLDING HOOK**

STANDARD: IS 3521 (PART 2):2021, IS 3521 (PART 5):2021

CONFORMING AS PER EN 355:2002



Product Introduction:

- Twin-Leg Shock-Absorbing Anti-Static Webbing Lanyard designed to provide continuous fall protection in environments where static energy builds up must be minimized. It allows safe movement between anchor points, especially in areas with flammable gases, vapours, or explosive atmospheres. The twin-leg design ensures 100% tie-off, while the integrated shock absorber minimizes impact forces during a fall. Its anti-static components enhance user safety and comfort in static energy-sensitive work environments.

Features:

- Constructed from anti-static materials that help to discharge static charges and reduce the risk of ignition in explosive or flammable environments.
- Twin-leg design ensures 100% tie-off, enabling continuous fall protection while moving between anchor points.
- Made from high-strength, anti-static webbing for enhanced durability and minimized static energy build-up.
- Includes carabiner at one end and two alloy steel scaffolding hooks with a shock absorber at the other end for effective energy absorption after a fall.
- Provides flexible movement in all directions while ensuring secure anchorage in static energy sensitive areas.



Product Specifications:

Model	: WL22 AS
Webbing material	: +/- 44mm wide Anti-static webbing
Breaking Strength	: 23 kN (Minimum)
Stitching Thread Material	: High tenacity virgin multifilament polyester
Gate Opening	: 56 mm
Lanyard Length	: 1/1.5/1.8 meter
Shock Absorber Length	: 0.2 meter
Weight	: 1.5 kg (Approx.)

Benefits:

- Anti-static components help safely discharge the static energy, reduce the risk of sparks in environments with flammable vapours, gases, or dust.
- Enhances worker confidence in static energy sensitive zones, while providing reliable fall protection.
- Provides added safety in hazardous environments such as fuel storage, chemical plants, and explosive atmospheres.
- 100% tie-off at height, ensuring continuous protection during movement.
- Shock absorber lowers the impact force on the user in the event of a fall.

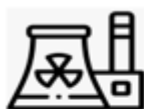


WL22 Antistatic Lanyard

Applications:

- **Static Energy Sensitive Work Zones:** Ideal for work in environments where static discharge poses a risk, such as chemical plants, refineries, paint booths, and flammable storage areas.
- **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: The lanyards are essential for creating a temporary anchorage point for maintaining a safe and efficient working environment. Antistatic lanyards are essential for static energy sensitive environment.



Nuclear Power & Atomic Energy



Aviation fueling & maintenance



Chemical industries



Oil Drilling Platform



Refinery



Coal & Hydrocarbon mines

Safety Information:

- Inspect the lanyard, hook and shock absorber before each use for cuts, wear, or damage.
- Do not tie knots or modify the lanyard in any way.
- Replace the lanyard immediately after a fall or if the shock absorber is deployed.
- Follow manufacturer instructions and applicable safety standards during use and inspection.

Storage:

- Store the lanyard in a clean, dry, well-ventilated area, away from direct sunlight, heat, moisture, and any sources where chances of static energy build up is high. ensuring it is completely dry and placed in its original packaging or hang properly to prevent deformation or abrasion