



## TECHNICAL DATASHEET

**RL 22**

**ENERGY ABSORBING DOUBLE TWISTED ROPE LANYARD WITH ALLOY STEEL  
SCAFFOLDING HOOK**

**STANDARD: CERTIFIED AS PER IS 3521 (Part 2):2021 & IS 3521 (Part 5):2021; EN 355:2002**  

### Product Introduction:

- The twin-leg shock-absorbing lanyard ensures continuous fall protection during movement between two anchor points. It features two lanyard legs and a built-in shock absorber that minimizes impact forces in the event of a fall.

### Features:

- Wide opening steel hook for strong secure anchorage.
- Double twisted rope with both end machine spliced termination provides 100% tie off.
- Includes carabiner at one end and two shock scaffolding hooks with shock absorber at other end for effective energy absorption after a fall.
- Provides flexible movement in all direction while ensuring safe anchorage.



### Product Specifications:

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| <b>Model</b>                     | : RL 22                                        |
| <b>Rope Material</b>             | : 12 mm Polyester Rope                         |
| <b>Hook Material</b>             | : Alloy Steel                                  |
| <b>Gate Opening</b>              | : 56 mm                                        |
| <b>Breaking Strength</b>         | : 23 kN (Minimum)                              |
| <b>Stitching Thread Material</b> | : High tenacity virgin multifilament polyester |
| <b>Available Lanyard Length</b>  | : 1/1.5/1.8 meter                              |
| <b>Shock Absorber Length</b>     | : 0.2 meter                                    |
| <b>Weight</b>                    | : 1.7 kg Approx.                               |

### Benefits:

- 100% tie off while working at height.
- Light weight.
- Reduces impact on user in the event of fall.



## RL 22 Polyamide Rope Lanyard

### Applications:

- **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 in any manufacturing, construction, utility related industries as follow.



### Safety Information:

- Inspect the lanyard, connectors, 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's instructions and applicable safety standards during use and inspection.

### 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.