



Indian Standard IS 3521 (Part 3): 2021 -Personal Fall Arrest Systems (PFAS) with Self-Retracting Lifelines (SRLs)

Personal Fall Arrest Systems (PFAS) are critical safety equipment used to **prevent falls** and **protect workers** in hazardous environments, particularly **at heights**. These systems are designed to arrest a fall before the individual reaches the ground or a lower level, minimizing the risk of injury. PFAS equipped with **Self-Retracting Lifelines (SRLs)** offer **enhanced safety and mobility** for workers at heights. SRLs are advanced fall protection devices that automatically extend and retract as the worker moves, providing continuous support while allowing for greater freedom of movement. SRLs are ideal for use in environments such as **construction, maintenance, and industrial applications**, where workers need to move frequently and work in confined or high-risk areas.

IS 3521 (Part 3): 2021, pertains to Personal Fall Arrest Systems (PFAS) with Self-Retracting Lifelines (SRLs) that sets forth requirements so as to provide a **reliable and dynamic fall protection solution** that automatically adjusts to the worker's movements, offering increased **mobility** and **flexibility** compared to traditional lanyards. The standard specifies critical features such as the **strength, durability**, and performance of SRLs, including their ability to lock quickly in the event of a fall and absorb the energy to prevent sudden deceleration forces. These SRLs are typically made with durable, **high-strength webbing or cable**, and are designed to operate smoothly and reliably in various working conditions.

Compliance with IS 3521 (Part 3): 2021 guarantees that the SRLs are tested to meet stringent quality and safety benchmarks, helping consumers ensure their workers are well-protected while also meeting regulatory safety requirements. This makes SRLs a preferred choice for fall protection, combining **safety, comfort, and ease of use** for workers, while providing peace of mind to employers and safety managers.