



TECHNICAL DATASHEET

TiGO'S ECO

ADVANCED FULL BODY SAFETY HARNESS

STANDARD: IS 3521(Part 1) 

Parameter	Specification
Model No.	TiGO'S ECO SAFETY BELT
Harness Type	Full Body Harness
Class	Class A – Fall Arrest
Material	Polyester
Colour	Black / Red
Shoulder Straps	Adjustable
Chest Strap	Adjustable
Thigh Straps	Adjustable
Fall Arrest Attachment	Dorsal Attachment D-Ring
D-Ring Location	Back / Dorsal
Buckles	Metal adjustment buckles
Hook	Scaffolding Hook
Rope	12 mm PP Rope
Rope Option	Nylon / Braided Rope available on request
Energy / Shock Absorber	Available on request
Lanyard	Single / Double
Adjustment	Fully adjustable chest & thigh straps
Use	Fall arrest / Work at height
Standard	IS 3521 (Part 1): 2021



Applications:

- **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.

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.