GGRXEAL604

GROXX TWIN KERNMANTLE ROPE ENERGY ABSORBING LANYARD, STEEL CARABINER + 2 × ALUMINIUM SCAFFOLD HOOK



OVERVIEW

The Groxx twin-leg energy absorbing lanyard (GGRXEAL604) is made to EN 355 from 12 mm kernmantle rope with a 45 mm tear-web energy absorber pack. In a fall the absorber tears open and limits the force on the worker and the anchor to 6 kN or less. It is fitted with a steel screw-gate carabiner at the harness end and two forged aluminium scaffold hooks at the anchor end.

KEY FEATURES

- **Energy absorber**: in a protective cover with inspection label, limiting the arrest force to 6 kN or less (EN 355).
- **Length 2.0 m maximum**: including connectors and absorber.
- **Twin legs**: for 100% tie-off: one leg is always connected while the other moves past an obstruction.
- Maximum user weight 100 kg including tools.

TECHNICAL SNAPSHOT

PARAMETER	GGRXEAL604
EN requirement	Max. braking force 6 kN; max. extension 1.75 m; static 15 kN (absorber), 22 kN (textile lanyard); 100 kg test mass
Lanyard material	12 mm kernmantle rope
Energy absorber	45 mm tear-web pack in protective cover
Arrest force	6 kN or less
Length	2.0 m maximum
Maximum user weight	100 kg
Harness-end connector	Steel screw-gate carabiner GGRXCSG110 (EN 362)
Anchor-end connector	2 × Forged aluminium scaffold hook GGRXSCH128, large gate (EN 362)
Required clearance	About 6 m below the anchor with a 2 m lanyard (lanyard length + absorber deployment up to 1.75 m + worker height + 1 m safety margin)
Marking	Groxx model code, serial/batch number, standard, date of manufacture

INSTALLATION & USE

Inspect before every use: rope or webbing, splices and stitching, energy absorber pack (where fitted) and every connector gate and locking mechanism.

A competent person must carry out a detailed periodic inspection at least every 12 months, and record it.

Withdraw from use immediately after a fall, or if the energy absorber shows any sign of deployment.

Keep away from sharp edges, hot surfaces, chemicals and abrasive surfaces. Do not knot or shorten the lanyard by tying it.

Clean with lukewarm water and mild soap, dry naturally and store away from heat and UV light.

STANDARDS

EN 355 | EN 354 | EN 362

Important: check the clearance below the work position before use. Do not connect the unused leg back to the harness except at a designated parking point, as this can bypass the energy absorber. Anchor at or above the dorsal D-ring wherever possible.

FULL DATA SHEET ↗

Product page ↗