



## USER INSTRUCTIONS

# Edge Guard

(for two ropes)

Code

# LEG-30

Length ..... 31 cm

Weight ..... 690 g

[lyon.co.uk/user-instructions](http://lyon.co.uk/user-instructions)



For more detailed user information and to download a PDF copy of these instructions follow the link above or scan the QR code with your smart phone.

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## Quality Assurance

Quality management system assessed and certified as meeting the requirements of ISO 9001.

**This information to be read and kept in conjunction with the Lyon General User Instructions supplied with this product.**

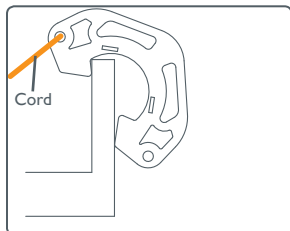
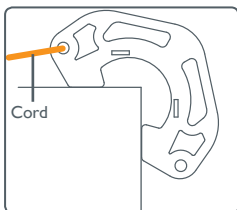
## Use

This Edge Guard is designed for use in a work positioning system, to protect a rope from contact with an edge where it is not possible to achieve a free hang. Ideally the rope should be rigged to avoid all contact with edges.

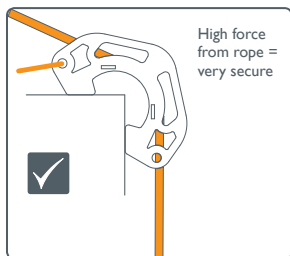
It is not an anchor device, so does not have a rated load. It does not provide protection from hot surfaces.

The Edge Guard may be used with rope conforming to EN 1891, of diameter 9 to 13.5 mm. It is not designed for use with wire cable. It should not be used if the anticipated load on the rope exceeds 250 kg.

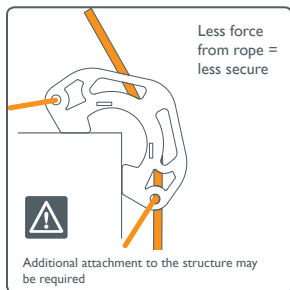
The Edge Guard should be installed on a plate (beam, toe guard etc.) or 90° edge as shown.



Ensure the edge being protected is of sufficient strength to support the rope running over it and the foreseeable maximum load. Use the cords to secure the Edge Guard to the structure.



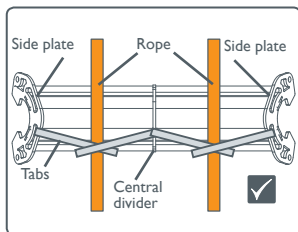
High force from rope = very secure



Less force from rope = less secure

Additional attachment to the structure may be required

The Edge Guard must be positioned so that the rope runs over the centre of the Edge Guard, and does not lift out or become trapped against the side plates. Use the Velcro tabs to help keep the rope in place.



The positioning of the rope on the Edge Guard may be affected by rope deviations below the Edge Guard and changes in work position while carrying out the work task; ensure that the Edge Guard is positioned accordingly before beginning work. Beware, the greater the distance between the Edge Guard and the anchor point, the greater the potential for lateral movement of the rope.

Ropes in contact with each other must not be allowed to move relative to each other on the Edge Guard. If necessary use more than one Edge Guard. The LEG-10 Edge Guard is for one rope only. The LEG-30 Edge Guard has a central divider so can be used for two ropes. Note that any movement on a loaded rope, including prusiking, will cause movement of the loaded rope.

Ensure the Edge Guard is secure and stable before using the rope below it.

During use it is essential to regularly check that the rope and Edge Guard are still correctly positioned.

Performance and useable life will be reduced by exposure to extremes of temperature, chemicals, and sharp or abrasive surfaces.

The Edge Guard cannot protect against all forms of rope damage and may not be suitable in all circumstances. The user must verify the suitability of the Edge Guard for each application before use.

## Inspection

Edge Guards should be subject to:

- Pre-use checks
- Thorough inspections
- Interim inspections (as appropriate)

Before each use, check the metal part of the Edge Guard for damage, especially worn grooves or burrs. Small burrs may be removed with emery cloth. Ensure that all rope contact surfaces are left smooth. Check the cords for signs of wear or damage; replace if necessary. Check the cords are securely fastened to the Edge Guard and the cord adjuster. The checks should be undertaken in good light. Any item showing any defect should be withdrawn from service immediately.

The cords have a maximum lifetime of 5 years. Replacement cords should be fitted to the Edge Guard and the cord adjuster using secure knots.

If the Edge Guard comes into contact with any chemicals, remove it from service, replace the cords, and clean the body to prevent contamination of other ropes.



### Materials

The body of the Edge Guard is stainless steel.

The cords are 4 mm polyamide accessory cord.

The cord adjuster is aluminium alloy.

### Marking

	Manufacturer's logo
	Refer to user instructions
idN	Individual serial number will be in the format YYDDD I2345. The first two digits give the year of manufacture, the next three digits the day of the year from 001 to 365 and the five digits after is the number in the series
LEG-30	Product code



# General user instructions

Lyon Equipment Limited  
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### **Notified body controlling manufacture (where applicable)**

Where items of Personal Protective Equipment require an EU type examination in accordance with Personal Protective Equipment (EU) Regulation 2016/425, the body controlling the manufacture is:  
Notified body No. 0598  
SGS Fimko Oy,  
P.O. Box 30 (Särkiniementie 3),  
00211 HELSINKI, Finland.

### **WARNING**

Make sure that you have read and understood these instructions before using this equipment. These user instructions are to be read and kept along with any other user information provided.

Activities at height are hazardous and may lead to injury or death. It is the user's responsibility, at all times, to ensure that they understand the correct use of any equipment supplied by or through Lyon Equipment, use it only for the purposes for which it is designed, and practice proper safety procedures including having a rescue plan in case of emergency.

This product must not be used outside its limitations, or for any purpose other than those described in the user instructions. Misuses forbidden in these instructions are examples only; many other misuses may exist which could lead to injury or death.

Do not use combinations of items of equipment in which the safe function of any one item is affected or interferes with the safe function of another.

Please note, the information in these user instructions is not exhaustive, and is not a substitute for comprehensive instruction and training by a competent person.

Lyon Equipment is not responsible for any consequences, whether direct, indirect or accidental, resulting from the use of its products. If you are unsure about the correct use of this product, please contact us.

### **Who can use this equipment**

This equipment should only be used by trained, competent and responsible persons, or the user should be under the direct supervision of a trained, competent and responsible person.

Activities at height should not be undertaken by persons affected by alcohol or drug dependence, diabetes, epilepsy, fits, blackouts, fear of heights, vertigo / dizziness / difficulty with balance, heart disease / chest pain, high or low blood pressure, impaired limb function, obesity, psychiatric illness, musculoskeletal issues, e.g. a bad back.

## **General instructions for use**

Equipment must be checked before each use, to ensure it is serviceable and operates correctly. Checks should also be carried out during use. In addition, a thorough inspection by a competent inspector should be carried out in strict accordance with these user instructions, and a record kept of these inspections.

This product may be used with any compatible item of equipment, keeping in mind the limitations of each item in the safety chain. It should be noted that a full body harness is the only type of harness which may be used in a fall arrest system.

The anchor device or anchor point is of primary importance and should be unquestionably reliable. It should be strong enough to withstand the foreseeable maximum load that could be applied e.g. in the event of a fall.

When selecting an anchor, the anticipated directions of loading and potential loads should be taken into account.

Anchors should be selected and positioned to allow work to be carried out in such a way as to minimise the potential for a fall and potential fall distance, for example by keeping the anchor point / device above the user.

Anchors should not have sharp or rough edges which could damage equipment (use edge protection if necessary).

On each occasion of use, verify the free space required beneath the user in order to avoid an impact. Always try to place protection so that any fall will be stopped before the user hits the ground or any other obstruction. Remember to allow for rope stretch and slippage in the belay device or rope ascender / descender. In a fall arrest situation, the user must be protected from dynamic forces of greater than 6 kN in the event of a fall, e.g. by use of a fall arrest system incorporating an EN 355 energy absorber.

## **Maintaining your equipment**

Wash in clean water not exceeding 30°C with pure soap and rinse in clean cold water. Do not use chemical products, solvents or detergents – these should be regarded as harmful.

Due to the difficulties in effectively disinfecting equipment, we recommend that any contaminated equipment should be withdrawn from use and disposed of in a suitable manner.

Equipment must be clean and dry before storing. Always allow to dry naturally, away from direct heat. Equipment should be stored in a cool, dry, well-ventilated area, away from excessive heat, high humidity, sharp edges, corrosives, sunlight or other sources of ultraviolet light (UV) and other possible causes of damage.

During transport, this product should be protected from abrasion, mechanical damage, chemical contamination, UV and heat.

## **Textiles**

Always keep textile items at temperatures between -30°C and +50°C.

## **Metal items**

Always keep metal items at temperatures between -20°C and +60°C.

No alterations, additions or repairs may be made to this product without the manufacturer's prior written consent; if done, the repair must be carried out by a competent person for repair authorised by Lyon Equipment to make the repair; and in accordance with specified procedures.

These instructions must be strictly adhered to.

## **Inspection**

A thorough inspection should be carried out at least every 6 months by a competent inspector in accordance with these user instructions. A record of these checks should be kept with the product along with these user instructions. In addition, interim inspections should be carried out where products are used intensively, or in particularly harsh environments where damage is more likely to occur, or where legislation or the type of equipment make it necessary.

Pre-use and thorough inspections are essential because the user's level of protection depends on the continuing correct performance of this product.

PPE (Personal Protective Equipment) inspection training is available from Lyon Equipment.

## **Lifetime, and when to withdraw your equipment from use**

Withdraw your equipment from use if any one of the following applies:

- It shows sign of wear and tear / damage that may affect performance
- Markings on the product are no longer legible
- You suspect it may have been exposed to chemical contamination or extreme temperatures
- It fails a periodic examination
- It has been used to arrest a fall or has been excessively loaded
- It is more than 10 years after the date of manufacture (textile items or items with textile components). Metal items have a potentially indefinite lifespan if stored correctly.
- If you have any reason to doubt that it is safe to use.

It is the responsibility of the competent inspector to decide whether the equipment should be put back into use, or permanently withdrawn from use. Equipment permanently withdrawn from use must be destroyed, and should be recycled where facilities exist.

Certain environmental elements will considerably accelerate wear: salt, sand, dust, snow, ice, moisture, chemicals, sunlight (UV radiation) – list not exhaustive.



Warning: the safe working life of this product may be as short as its first use in extreme circumstances.

If in doubt, do not hesitate to scrap this product.

### **Guarantee**

In the event of any defect in materials or workmanship please return the product to the dealer, distributor or manufacturer within 3 years of purchase for inspection. We will replace or repair as required. This guarantee does not cover normal wear and tear or accidental damage.

### **Note to resellers**

If the product is re-sold outside the UK and Eire, but within the EU, the reseller is responsible for providing instructions for use, maintenance, periodic examination and for repair in the language of the country in which the product is to be used.

If you require the Intrastat commodity code / customs tariff code or NATO stock number (where applicable) for this product, please contact us via [lyon.co.uk](http://lyon.co.uk)

### **Inspection records**










A record must be kept for each component, subsystem and system, including name and contact details of the manufacturer or supplier, product description, serial number, year of manufacture, date of purchase, date of first use, any other relevant information, and history of periodic examinations and repairs, the name and signature of

the competent inspector and the next due date for inspection. An example of a suitable equipment record is shown on this user instruction and can also be downloaded at [lyon.co.uk](http://lyon.co.uk)

Local jurisdiction may dictate that extra information be recorded in the inspection record – check your country's legal requirements. Some products may have features which need special monitoring during periodic inspections, e.g. wear indicators, in which case this information should also be recorded on the inspection record.

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## Explanation of symbols

	Refer to user instructions
	Permitted use
	Caution
	Danger of death
	Telephone number
	Anchor point
	Rope diameter
	Cable
	<b>SWL</b> (Safe Working Load)

