



USER INSTRUCTIONS

Rope Protectors and Edge Sheets

Lyon Equipment Limited
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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

www.lyon.co.uk/downloads



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

Use

The first priority of rope protection should be to avoid all hazards that may damage the rope. Hazards may include:

- surfaces which are sharp, abrasive, corrosive, and/or hot
- tools
- contamination
- loose surfaces.

Rope Protectors and Edge Sheets should only be used where the rope cannot be positioned to avoid the hazard. Check before and during use that the level of protection is suitable, appropriate and robust. If a Rope Protector or Edge Sheet is not suitable for a particular application, consider another type of protection, for example Lyon Edge Guards – see www.lyon.co.uk for more information. Do not proceed if the required level of protection cannot be achieved.

The user must ensure that adequate protection is given to the rope for the entire length of the rope and for the duration of the task, e.g. if the user needs to change position resulting in the rope or rope protection moving from its original position.

Rope Protectors and Edge Sheets will only provide limited localised rope protection against certain types of contamination and light abrasion where the rope comes into contact with a large diameter edge.

Rope Protectors and Edge Sheets are not Personal Protective Equipment, and do not guarantee protection for ropes against physical impact, cutting, abrasion, excessive heat or chemical contamination (list not exhaustive).

Rope Protectors and Edge Sheets should not be used for protecting moving ropes where such movement is likely to damage the rope and/or the Rope Protector or Edge Sheet. Note that any movement on a loaded rope, including prusiking, will cause movement of the loaded rope.

The user is responsible for ensuring that the edge or surface in contact with the Rope Protector and/or Edge Sheet has adequate strength to support the load applied by the rope.

Edge Sheets may assist in containing loose, lightweight materials which may be dislodged during use.

Check that this product is compatible with the other components of your equipment. Do not allow the Rope Protector or Edge Sheet or its connection to the rope to interfere with the correct function of any other part of the system.

Ensure that the Rope Protector or Edge Sheet is the correct length and completely covers the section of rope or edge requiring protection. Use multiple Rope Protectors or Edge Sheets if necessary.

Use separate Rope Protectors for each rope.

Do not allow moving ropes to come into contact with stationary ropes. Use multiple Rope Protectors or Edge Sheets if necessary.

Rope Protectors: Use the cords to secure the Rope Protector to the rope before using the rope below it. Ensure the hook and loop fastener is fully engaged over the full width and that the label is visible.

Edge Sheets: These must be secure and unable to move when in use. Cord may be used to attach the Edge Sheet to the surface or structure.

Connecting Edge Sheets

Edge Sheets which have stainless steel buckles allow the vertical connecting of multiple sheets. Connecting is appropriate where a single sheet does not adequately cover the working area.

To connect sheets:

- Peel open the flap at the bottom of the first sheet
- Hook the two stainless steel buckles into the two webbing tabs on the top of the second sheet
- Lightly tension the two connected sheets, ensuring the buckles are fully engaged in the tabs
- Press the top of the second sheet down, engaging the hook and loop fastener on the first sheet
- Fold down the flap on the first sheet and press down, engaging the hook and loop fastener on the top of the second sheet

Always ensure that connected sheets are orientated correctly when placed at the worksite. Check the orientation markings. Ensure that there is no gap between the Edge Sheets.

Positioning

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

At regular intervals during work periods, check that the rope and Rope Protector or Edge Sheet are still correctly positioned and undamaged.

Inspection

Rope Protectors and Edge Sheets should be subject to:

- Pre use checks
- Thorough inspections – because Rope Protectors and Edge Sheets may suffer damage e.g. abrasion, cutting, contamination (list not exhaustive), Lyon recommends these products undergo a thorough inspection every 3 months
- Interim inspections (as appropriate)

Before each use, check the material and hook and loop fastener (if fitted) for damage/deterioration or rotting due to storage in damp or wet conditions.

Check cords for signs of wear or damage; replace if necessary, using secure knots. Check the cords are securely fastened. The checks should be undertaken in good light. Any item showing any defect should be withdrawn from service immediately.

Chemicals

Avoid all contact with chemical reagents that could affect the performance of the rope, Rope Protector or Edge Sheet, e.g. acids, caustic substances and oxidising agents. Discard this product immediately if contamination is even suspected to have occurred.

Materials

The Rope Protector or Edge Sheet is cotton canvas (cotton and polyester mix) with polyamide (Nylon) thread.

The hook and loop fastener is polyamide.

The cord is 4 mm polyamide accessory cord.

25 mm webbing is polypropylene.

Eyelets are brass.

The buckles are stainless steel.



Obsolescence

The lifetime depends on the intensity and frequency of use, and the environment where the product is used.





Thorough inspections every 3 months are recommended due to the amount of abrasion and surface contact which Rope Protectors and Edge Sheets are subjected to.

The maximum lifetime of this product is ten years from date of manufacture.





Marking

	Manufacturer's logo
	Refer to user instructions
www.lyon.co.uk	Manufacturer's web address
idN	Individual serial number will be in the format YYDDD 12345. 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
Lxxxxx/ Mxxxxx	Product code

Marking (Rope Protectors)

	<p>The first priority of protection should be to avoid all hazards wherever possible</p>
	<p>May be used on a large diameter edge with caution</p>
	<p>Must not be used for protection against the sawing action due to longitudinal movement of the rope (bouncing)</p>
	<p>Must not be used for protection against the sawing action due to lateral movement of the rope (swinging)</p>

Marking (Edge Sheets)

	<p>The first priority of protection should be to avoid all hazards wherever possible</p>
	<p>May be used on a large diameter edge with caution, which may assist in containing loose lightweight materials</p>
	<p>Must not be used for protection against the sawing action due to longitudinal movement of the rope (bouncing)</p>
	<p>Must not be used for protection against the sawing action due to lateral movement of the rope (swinging)</p>

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Lyon Product Inspection Record					
Product code	Product description	Year of manufacture	Purchase date		
Length if applicable	Individual serial number	Date of first use	Certificate of conformity number		
Manufacturer Lyon Equipment Limited	Address Unit 3-7 Tebay Business Park Cumbria CA10 3SS United Kingdom	Tel: +44 (0) 15396 24040 Email: info@lyon.co.uk Website: www.lyon.co.uk	Other relevant information		
Record of inspection and repair					
Date	Comments	Name and signature of competent inspector	Next due date		
All user instructions supplied with this product must be kept as part of the product inspection record					



General User Instructions

Lyon Equipment Limited,
Units 3-7, Tebay Business Park,
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United Kingdom

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information and to
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Declaration of Conformity
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scan the QR code with
your smart phone



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Approved Body controlling manufacture (where applicable)

Where items of Personal Protective Equipment require a UKCA type examination in accordance with Personal Protective Equipment (EU) Regulation 2016/425 on personal protective equipment as brought into GB Law and amended. The body controlling the manufacture is:

Approved Body N° 0120
SGS United Kingdom Limited
Rossmore Business Park,
Inward Way,
Ellesmere Port, Cheshire
CH65 3EN, United Kingdom

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 N° 0598
SGS Fimko OY
Takomotie 8
FI-00380 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 Limited, 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 Limited 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 (BS) EN 355 energy absorber.

Note to resellers

If the product is resold 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 www.lyon.co.uk

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 Limited 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 Limited.

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.

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 www.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
	Anchor point
	Rope diameter
	Cable
	Load
	Manufacturer details
	Month and year of manufacture. The first two digits give the month of manufacture, the last four give the year.

Additional symbols may be used.

See specific product instruction for explanations

