Lyon Product Inspection Record

Product code		Product description		Year of manufacture	
Length if applicable		Individual serial number		Date of first use	
Manufacturer *Lyon Equipment Ltd.*	Address *Units 3-7, Tebay Business Park, Old Tebay, Penrith, CA10 3SS. UK*		*Tel. +44 (0) 15396 24040 Fax. +44 (0) 15396 26330 info@lyon.co.uk lyon.co.uk*		

Purchase date

Certificate of conformity number

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

EN

LYON

USER INSTRUCTIONS

Dynamic rope for industrial cow's tails

Code.
LICT

Length 5m
Weight..... 410g

CE 0120
EN 892

①

5 055835 600913

UI_LICT_14099

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.

LYON

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Certification
See dynamic rope User Instructions supplied with these cow's tails.

Approved body
See dynamic rope User Instructions supplied with these cow's tails.

This information to be read and kept in conjunction with dynamic rope User Instructions supplied with these cow's tails.

Use
This dynamic rope is for creating anchor lanyards ("cow's tails") for attachment of the user's harness attachment point to an anchor within a rope access system or, where authorised by the device manufacturer, a device within a rope access system (device lanyard). Check with the harness manufacturer which attachment points are authorised for use with cow's tails. This dynamic rope must not be used to create a fall arrest lanyard in conjunction with an energy absorber.

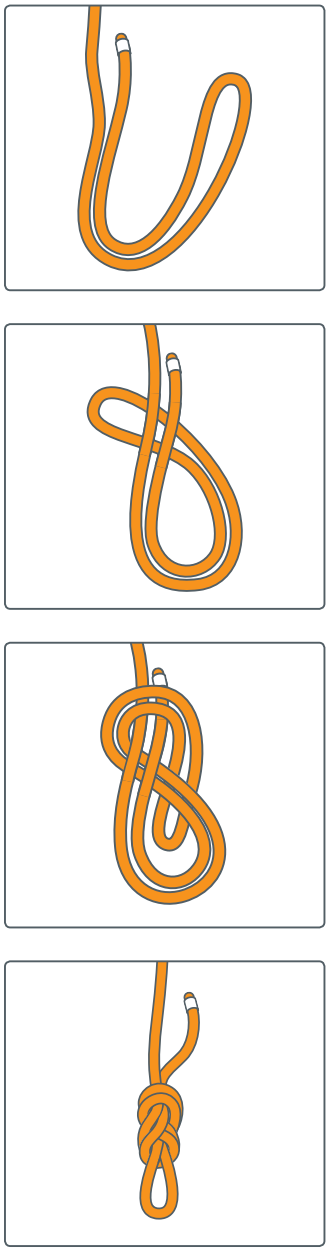
Before use, check your country's legal requirements as to whether it is permitted to use a knot-terminated rope as a lanyard.

Creating a cow's tail
The knots used must be appropriate for constructing a lanyard of this type, and should also have a minimum static strength, when correctly tied, of 15 kN.

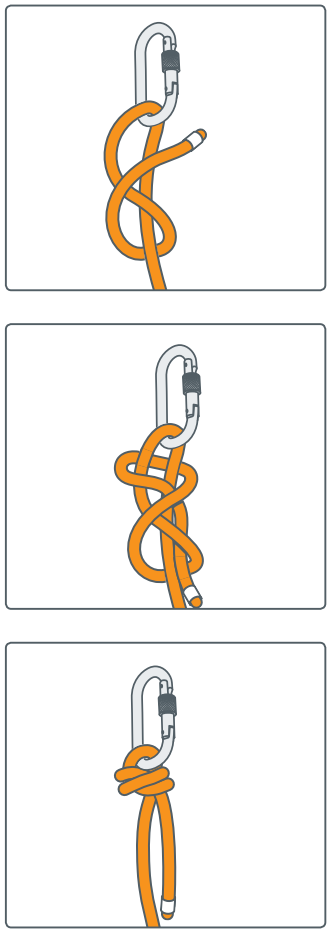
Tests have indicated that a Figure of Eight knot gives a minimum static strength exceeding 15 kN when tied in this dynamic rope.

Other knots may give enhanced energy absorption e.g. barrel knot, but may not meet the 15 kN strength.

Examples of knots
Figure of Eight knot

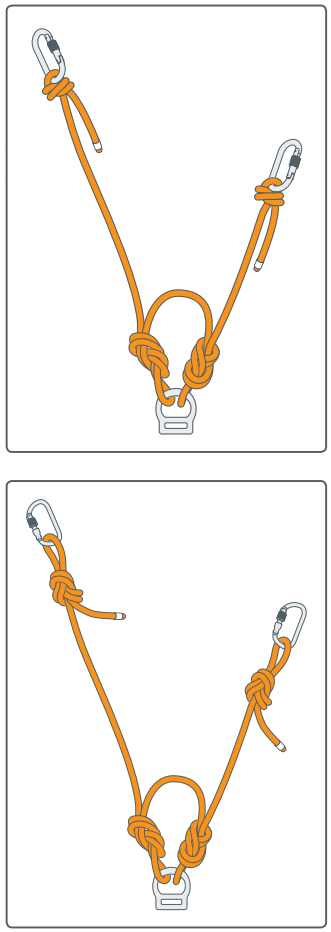


Barrel knot



Only trained and competent persons should tie knots in this dynamic rope to create cow's tails. Otherwise, consider a pre-manufactured lanyard conforming to EN 354 or EN 358.

Examples of cow's tail configurations.



When tying this cow's tail, consider the length required to achieve the correct positioning for the work task, and the need to reach the end connector(s). It is essential that the user can reach the end connector when the cow's tail is under load.

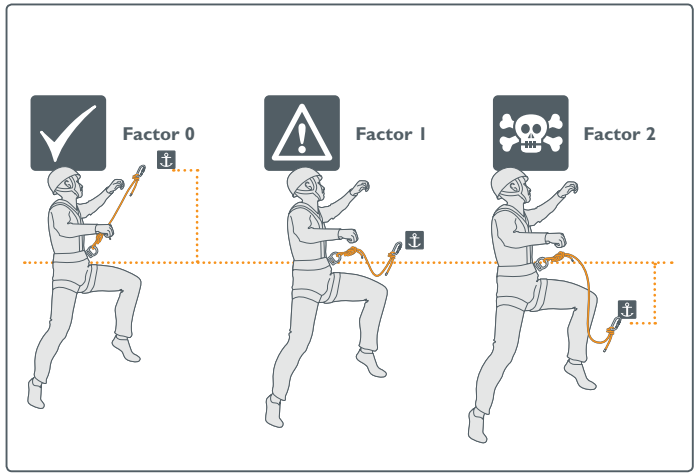
Use suitable locking connectors to EN 362. Preload (set) the knots by hand whilst on the ground in a safe environment.

Using a cow's tail
Always connect to an unquestionably reliable anchor point.

The user should minimise the slack in the system at all times.

To minimise any fall potential and to assist in a rescue, it is important that the length of the cow's tails are kept as short as possible and within the user's reach (this varies from person to person).

By keeping cow's tails as short as possible this helps to minimise the potential for high impact forces in any potential fall.



Check knots during use to ensure they remain secure.

Inspection
Cow's tails may be subject to intense use. They must be withdrawn from use as soon as any damage, or significant wear, is apparent.

Undo all knots before carrying out inspections in accordance with the rope user instructions.

It is good practice to re-tie, dress and set (i.e. hand tighten) knots periodically as part of the inspection process.

End of document