

EUROINDUSTRIAL PTC, S.L.U.



security



moorings



elevation



gloves



accessories

CATALOGUE 2024

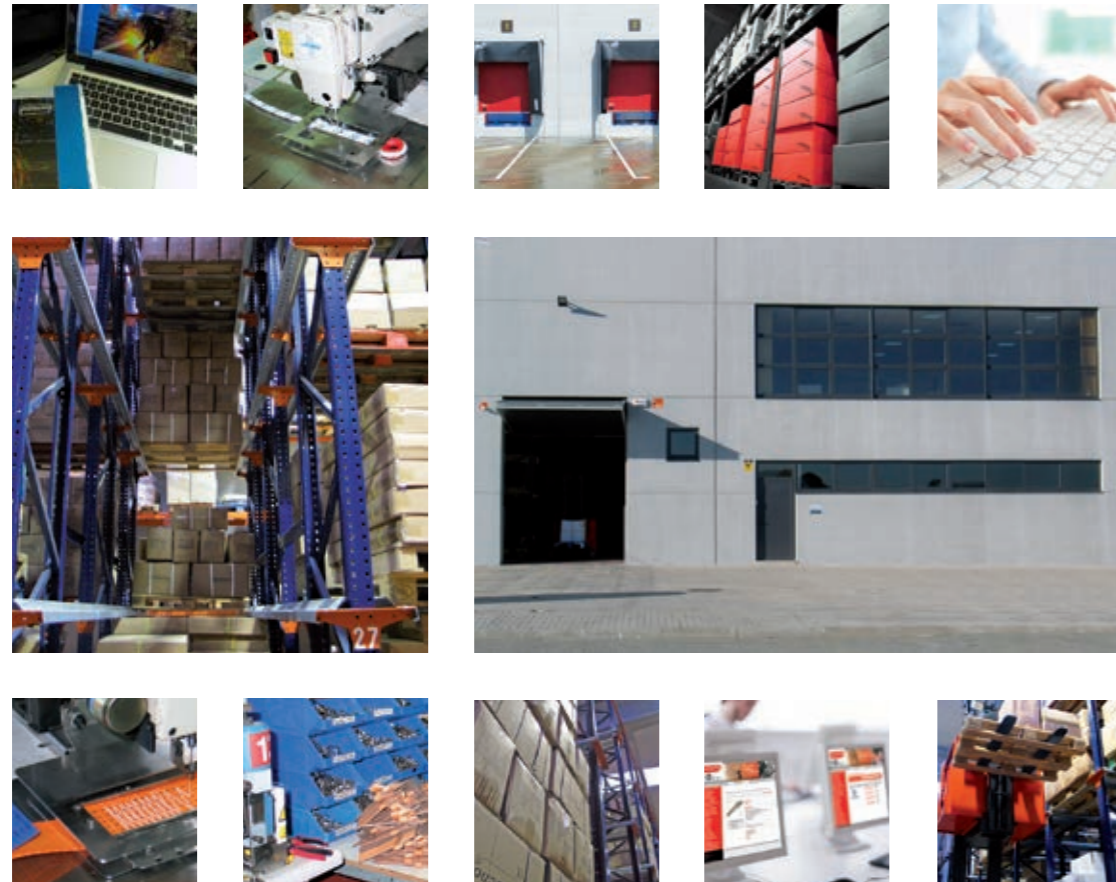




CATALOGUE 2024

euroindustrialptc.es





Since its inception, EUROINDUSTRIAL PTC, S.L.U. has been committed to providing the highest level of support and service to its customers, suppliers, and team members.

With 20 years experience in the market, our knowledgeable team and accredited quality management system aims to guarantee satisfaction to long standing and new customers alike.

Our commitment is based on understanding market developments and customer needs, to source and supply the best products, meet exacting industry standards and maintain the highest standards of quality and service demanded by our clients.

Our approach is successfully enabling us to continue to develop and expand year on year. Our team is constantly developing new products and industry requirements to bring our clients the best that is available throughout the coming year.

We look forward to continuing to support our current clients and building new collaborations in the future.



▼ The requirement and commitment to quality, compliance with standards and international quality standards is the basis of the work of EUROINDUSTRIAL PTC, S.L.U. We only work with laboratories nationally and internationally accredited that certify and validate, through demanding reliability tests, the safety and guarantee of our products and with them the safety of the end user.

► The annual production controls of our Patacho products are undertaken by the accredited laboratory AITEX (Nº 0161).
ASOCIACIÓN DE INVESTIGACIÓN DE LA INDUSTRIA TEXTIL
Plaza Emilio Sala, 1
E-03801 Alcoy - Alicante (Spain).
Following the guidelines of the EU REGULATION 2016/425 for manufacturing by E.P.I.



Sincerely
Manuel M. Santamariña
Director



8

Work Safety



40

Mooring Systems



62

Cargo Mooring Nets



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Load lifting equipment



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Gloves



98

Accessories



104

Packaging

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PATACHO® security systems comprise a wide range of equipment for the most demanding work at height and positioning.

They are manufactured with programmable robotic machines which guarantees a homogeneous and durable finish.

The range of products presented here is the development of systems and analysis of the different needs in the field of protection at height and to avoid the major causes of accidents in the industrial sector.

* The standard range is presented, consult the factory for other custom models.

patacho®

WORK SAFETY

EUROPEAN REGULATIONS AND CHARACTERISTICS OF HARNESSES AND KITS

Reference	Ⓐ Anchor Points	Ⓑ Positioning Points	Belt Positioning	Padded	European Standard		
					EN 358	EN 361	EN 813
EPI-302	1	-				•	
EPI-302/2	1	-				•	
EPI-302/2E	1	-				•	
EPI-302/4	1	-				•	
EPI-302/4E	1	-				•	
EPI-302+CI-SG-304	1	2	•	•	•	•	
EPI-302/3	1	2	•	•	•	•	
EPI-302/3E	1	2	•	•	•	•	
EPI-302/5	1	2	•	•	•	•	
EPI-302/5E	1	2	•	•	•	•	
EPI-301	2	-				•	
EPI-301/2	2	-				•	
EPI-301/2E	2	-				•	
EPI-301/4	2	-				•	
EPI-301/4E	2	-				•	
EPI-301+CI-SG-304	2	2	•	•	•	•	
EPI-301/3	2	2	•	•	•	•	
EPI-301/3E	2	2	•	•	•	•	
EPI-301/5	2	2	•	•	•	•	
EPI-301/5E	2	2	•	•	•	•	
CI/SG-304	-	2	•	•	•		
CI/SG-304-2	-	2	•	•	•		
CI/SG-304-3	-	2	•	•	•		
CI/SG-304-4	-	2	•	•	•		
CI/SG-304-5	-	2	•	•	•		
EPI-720	2	3	•	•	•	•	•
EPI-720S	2	-		•	•		•

AB10

All kits can be supplied with an energy absorber built into the lanyard by adding + AB10 after the reference.

E.g. **EPI-302/3+AB10**

Two meter lanyards with AB10 are supplied in 1.5 meters + AB10



CE STANDARDS AND APPLICATION

PPE is subject to a "double regulatory framework". Health and safety at work Royal Decree 773/1997 of 30th May establishes the minimum provisions to guarantee adequate protection to the worker during their use, from the point of view of product safety. Royal Decree 1407/1992 of November 20th establishes the requirements that must be met by PPE, from its design and manufacture to its commercialization, in order to guarantee the health and safety of users.

EN 361:2002	Personal protective equipment against falls from height. Fall arrest harnesses.	EN 341:1997	Personal protective equipment against falling from heights. Descent devices.
EN 813:2009	Personal protective equipment against falls. Seat harnesses.	EN 795:2012	Protection against falls from height. Anchoring devices. Requirements and tests
EN 358:2018	Personal protective equipment for restraint in work position and prevention of falls from height. Belts for restraint and retention and fastening tie components.	EN 12492:2001	Mountaineering equipment. Helmets for mountaineers. Safety requirements and test methods.
EN 354:2010	Personal protective equipment against falls from height. Lanyards.	EN 360:2002	Personal protective equipment against falls from height. Retractable fall arrest devices.
EN 353 -1/2002	Personal protective equipment against falls from height. Part 1: sliding fall arrest devices on rigid anchor line.	EN 12841:2007	Personal protective equipment against falls. Rope access systems. Rope access regulation.
EN 353-2:2002	Personal protective equipment against falls from height. Part 2: sliding fall arrest devices on flexible anchor line.	EN 1891:1999	Personal protective equipment for the prevention of falls from height. Braided ropes with sheath, semi-static.
EN 355:2002	Personal protective equipment against falls from height. Energy absorbers.	EN 1496	Personal protective equipment against falls. Lifesaving devices by lifting.
EN 567:1997	Mountaineering and climbing equipment, blockers. Safety requirements and test methods.	ANSI Z89.1 CSA Z259.10	ANSI Z89.1 CSA Z259.10
EN 362:2005	Personal protective equipment against falls from height. Connectors.	EN 1497	Personal protective equipment against falls. Rescue harnesses.
EN 12278:2007	Mountaineering and climbing equipment, pulleys. Safety requirements and test methods.	EN 341:1997	Personal protective equipment against falls from height. Descent devices.

HARNESS LABEL



- 1 | **Manufacturer / distributor identification (logo)**
- 2 | **Reference**
- 3 | **Equipment type**
- 4 | **Manufacturing date**
- 5 | **Serial number**
- 6 | **Lot number**
- 7 | **Standards applied**
- 8 | **CE certifying laboratory number**
- 9 | **CE marking**
- 10 | **Read equipment instructions before using**
- 11 | **Manufacturer / distributor information**

PATACHO
PI-IND. DE TEIXEIRO, PARCELA D-40,
15310 TEIXEIRO, A CORUÑA (SPAIN)
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WORKING AT HEIGHT - GENERAL SAFETY PRINCIPLES

Height control:

Carrying out these jobs with the appropriate safety conditions includes both the use of safe work equipment, as well as information and specific theoretical-practical training for workers.

The following stages must be observed prior to working at height:

- Identify the risk of falling
- Risk control:
 - Wherever possible the risk of falling should be eliminated by avoiding work at height, for example by designing the buildings or machines that allow maintenance work to be carried out from ground level or permanent platforms.
 - When the risk cannot be eliminated the measures to be taken must be aimed at reducing the risk of falling, adopting measures of collective protection, through the use of scaffolding, lifting platforms, installation of handrails, etc.
 - The use of the fall arrest system will be limited to those situations in which the measures indicated above are not possible or as a complement to them: FALL PROTECTION SYSTEM = ANCHORING DEVICE + CONNECTION SUBSYSTEM (DEVICES FALL PROTECTION, ENERGY ABSORBER WITH BUILT-IN TIE ELEMENT, CARABINERS) + FALL PROTECTION HARNESS.

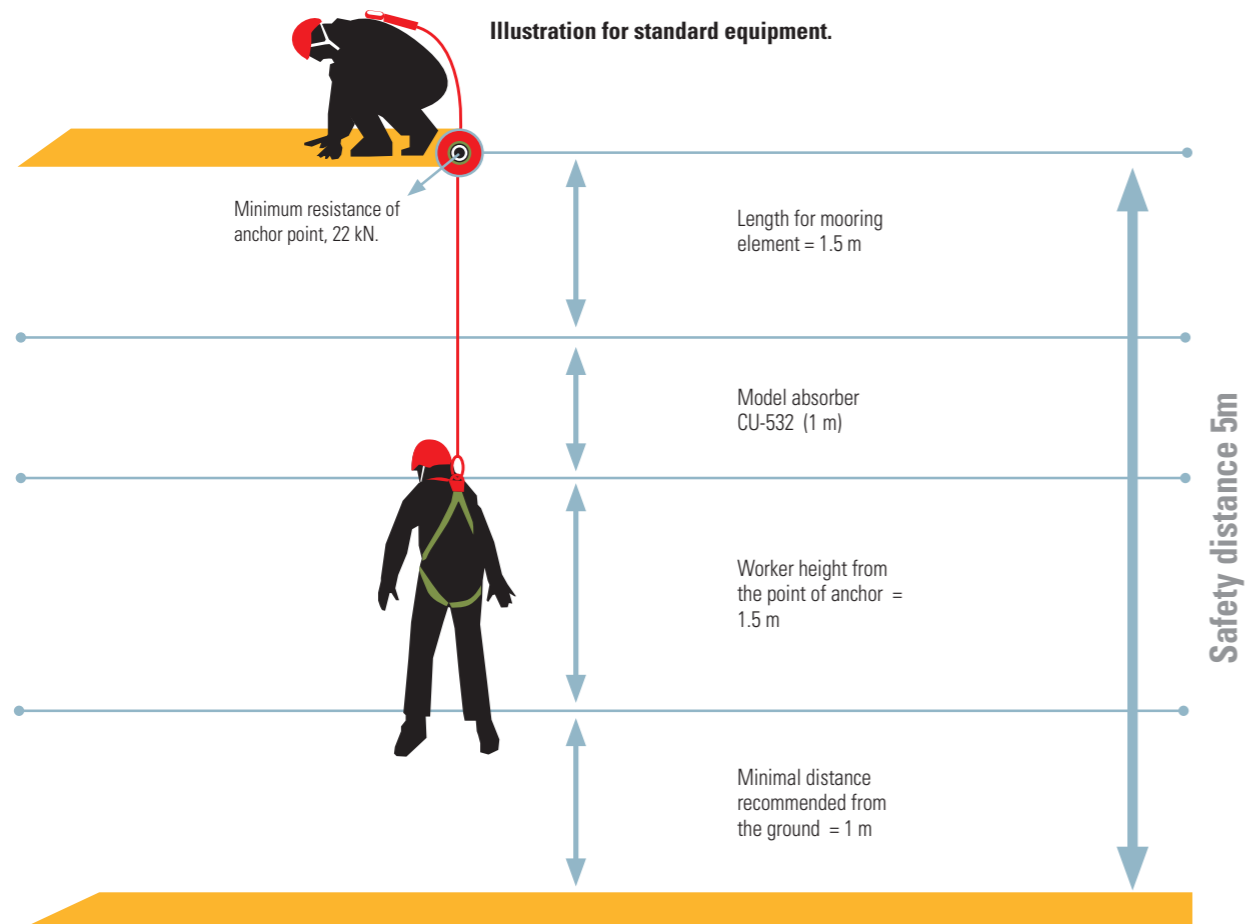
It is necessary to calculate the height necessary to use a piece of equipment before using it.

We always recommend using an energy absorber.

Make sure that there are no obstacles between the worker and the space necessary for the retention of the possible fall, and have planned an evacuation plan before undertaking work.

Check all the components before undertaking the work.

Try to avoid a drop factor greater than 1.



Fall Factor:

The fall factor expresses the degree of proportional danger of a fall. It is between 0 and 2.

It is calculated using the following formula:

$$\text{Fall Factor} = \frac{\text{Fall Height}}{\text{Rope Length}}$$

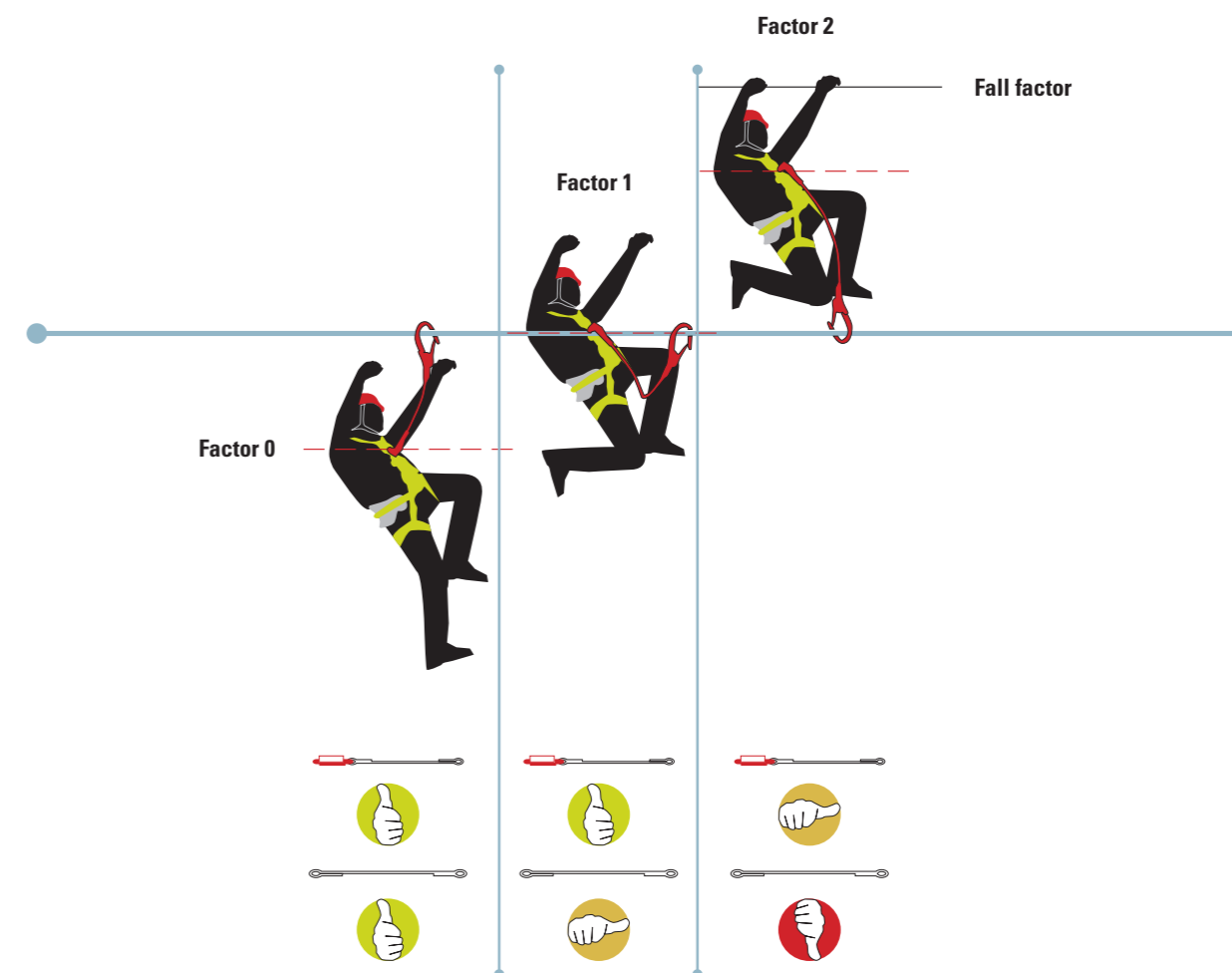
Fall factor 0: when the operator is below the anchor point with the rope / strap taut.

Fall factor 1: rope in "u" or with a freedom of movement of 0.6 m. In this case the height of the fall is the same as the length of the useful rope. This situation usually occurs when the anchor is located at the same height as the operator.

Fall factor 2: the height of the fall is twice the length of the useful rope. This situation occurs when the anchor is located below the operator, either because he was initially below its level or because he exceeded it during his progression, an energy absorber should be used to try to avoid this situation.

In the second case (Factor 1) the impact force is large. In the third case very large (Factor 2 - greater than 10-14 kN, equivalent to more than 1,000- 1,400 kg), which can cause serious injuries to the user and severe damage to the equipment, endangering the safety of the user. For this reason the use of energy absorber is highly recommended for these cases. There are basically two types of energy absorbers:

- Sewn strap energy absorber: These are sewn straps that unfold with a fall, breaking specific seams, thus dissipating the energy of the fall. These absorbers are often attached to ropes that allow the anchor to be connected to the users harness.
- Retractable Block Built-in Absorber: Retractable Blocks are roll-up fall arrest devices that lock with a fall, working in a similar way to a seat belt in a car. These devices have an energy absorber incorporated inside them that reduces the impact force exerted on the user.



DORSAL ANCHOR HARNESS

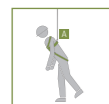
Adjustable on thighs and chest, chest adjustment with metal buckle. Double non-slip resin pin on chest and leg adjustment. Incorporates side pins to attach positioning belt. Metal buckles tab closure for a faster and more comfortable opening.



CE EN 361



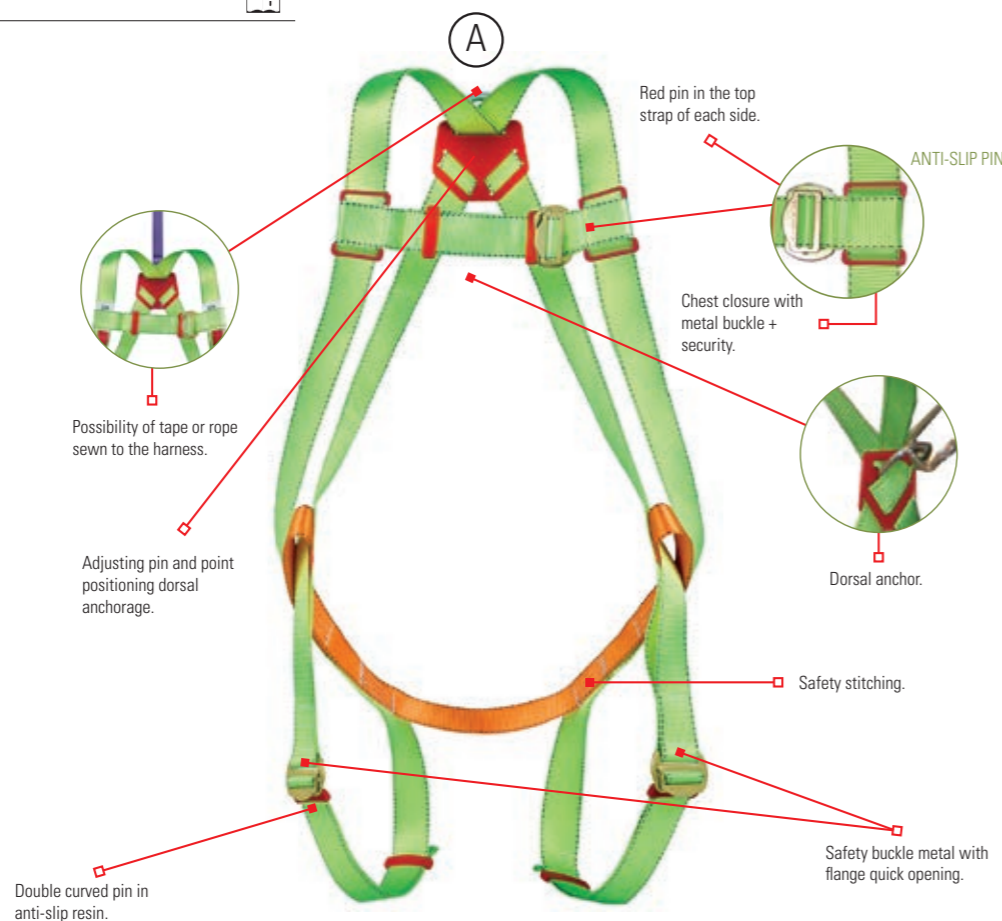
● Anti-fall anchor element.



(A) Anchor points
(B) Positioning points.



Built-in carry bag.



DORSAL ANCHOR HARNESS + POSITIONING BELT

Professional dorsal attachment harness with positioning anti-fall belt. Adjustable at the thighs, chest and waist, chest adjustment with metal buckle. Double pin in non-slip resin adjustment at the chest, legs and waist. Side harness pins allow put on and take off the positioning belt. Metal buckles tab closure for a faster and more comfortable opening.

CE EN 361, EN 358



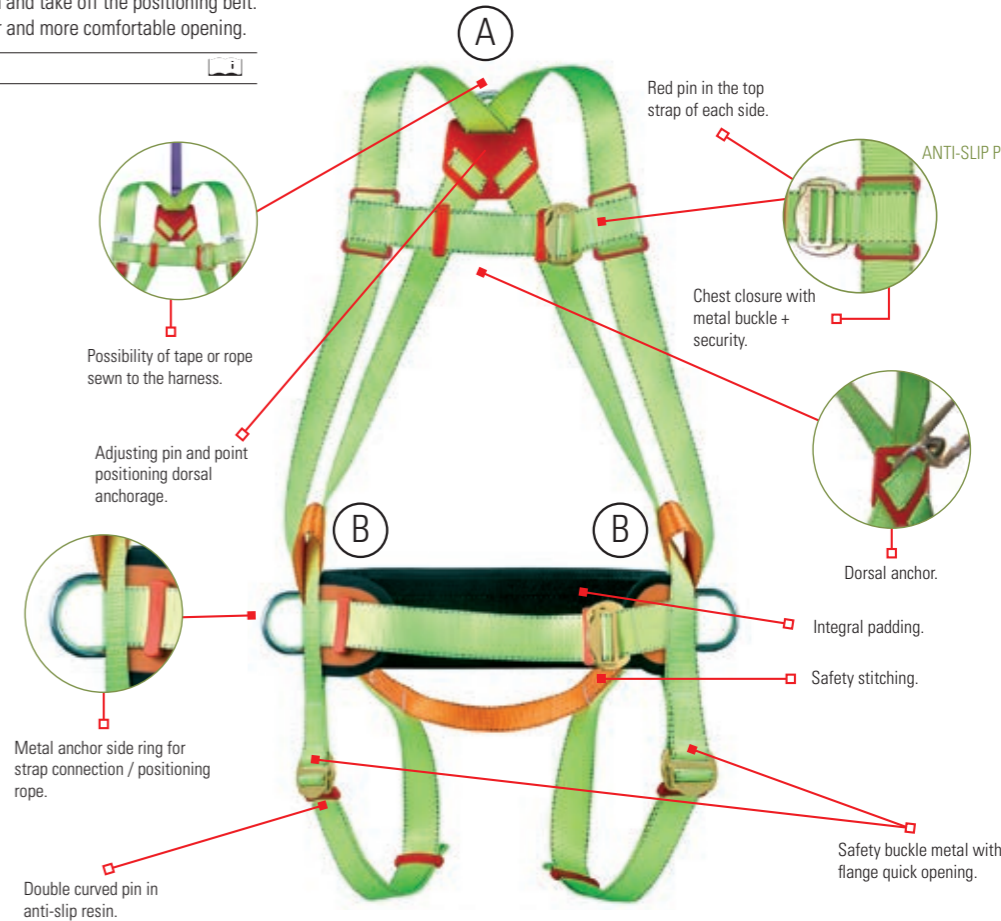
● Anti-fall anchor element.
● Anchor element positioning.



(A) Anchor points
(B) Positioning points

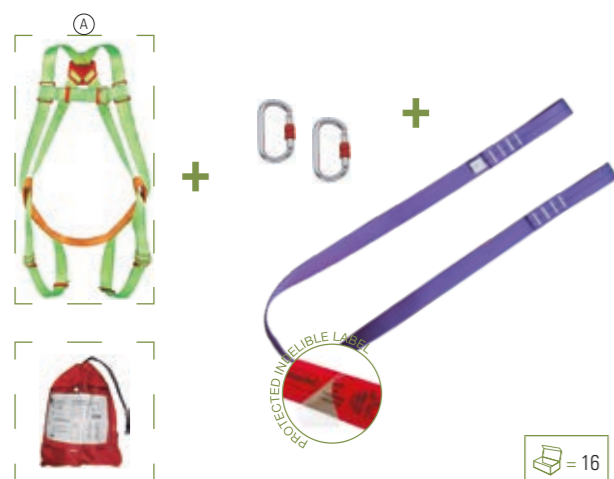


Built-in carry bag.



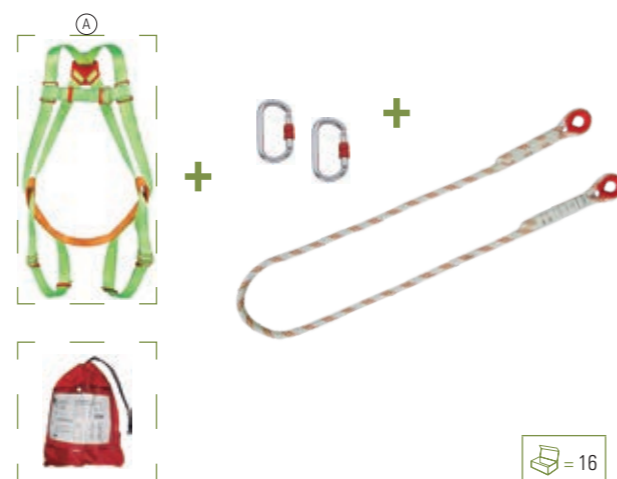
REF.: EPI-302/2

Dorsal anchor harness + 1.5 m webbing lanyard + 2 carabiners + carry bag with document holder window.



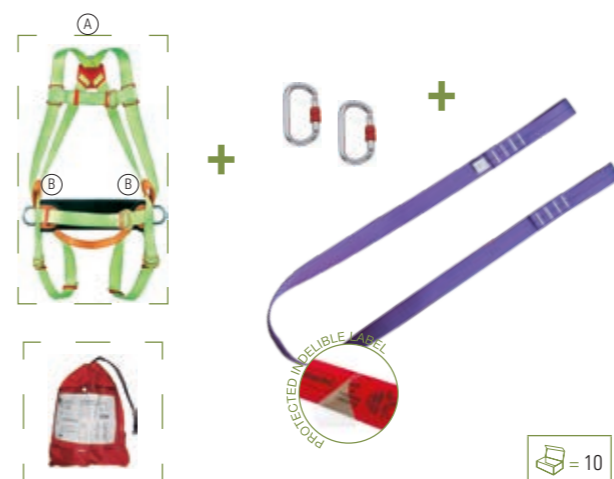
REF.: EPI-302/4

Dorsal anchor harness + lanyard on 1.5 m rope + 2 carabiners + carry bag with document holder window.



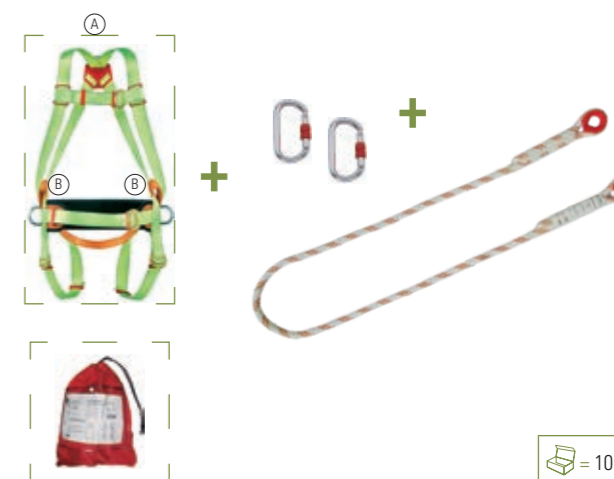
REF.: EPI-302/3

Dorsal anchor harness + positioning belt + lanyard / positioning on 1.5 m strap + 2 carabiners + carry bag.



REF.: EPI-302/5

Dorsal anchor harness + positioning belt + lanyard / positioning on a 1.5 m rope + 2 carabiners + carry bag.



[Todos los kits se pueden suministrar con absorbedor de energía incorporado en el elemento de amarre añadiendo +AB10 tras la referencia. Ej: EPI-302/3+AB10]

REF. EPI-301 · RECOMMENDED KITS

DORSAL AND FRONT ANCHOR HARNESS A/2

Professional back and front attachment harness A*2, anti-fall. Adjustable on thighs and chest, chest adjustment with metal buckle. Double non-slip resin pin on chest and leg adjustment. Incorporates side pins to attach positioning belt. Metal buckle tab closure for a faster and more comfortable opening.



CE EN 361



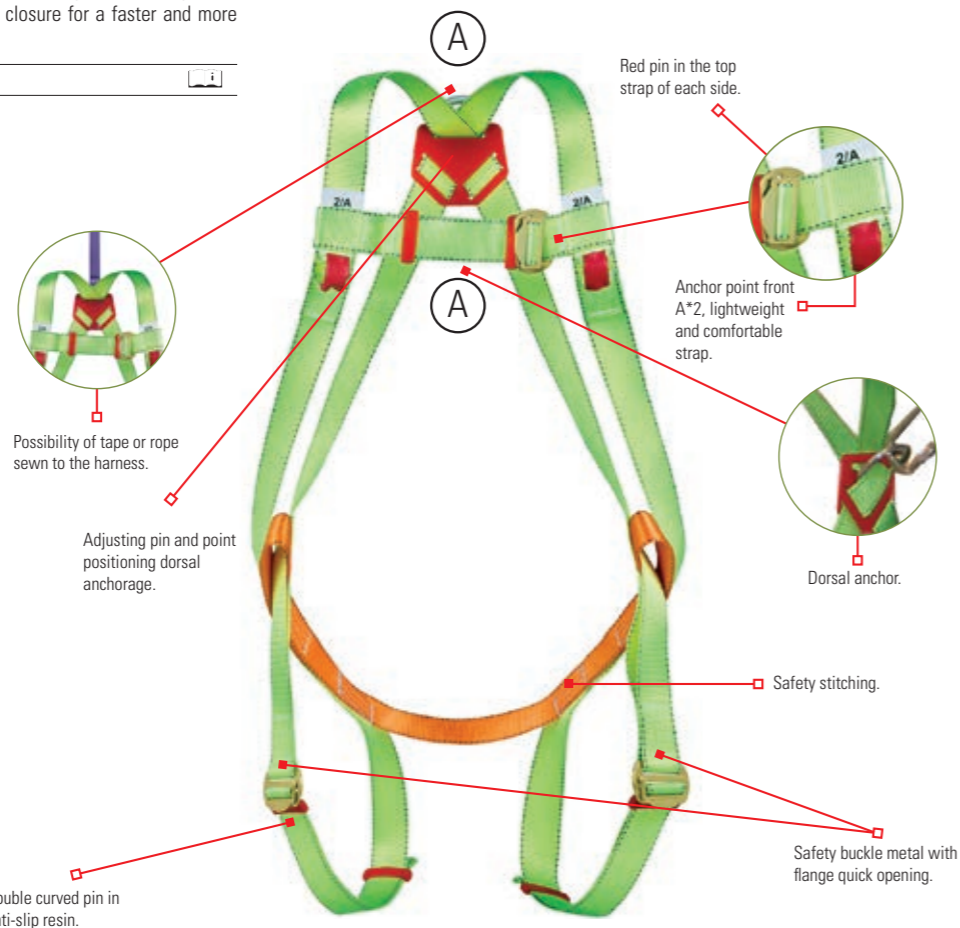
● Anti-fall anchor element.



Ⓐ Anchor points



Built-in carry bag.



REF. EPI-301+CI-SG-304 · RECOMMENDED KITS

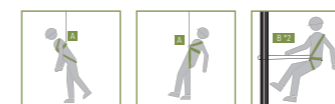
DORSAL AND FRONT ANCHOR HARNESS A / 2 + POSITIONING BELT

Professional front and back attachment harness A*2, with seat belt anti-fall positioning. Adjustable on thighs, chest and waist, adjustable chest strap with metal buckle. Double pin non-slip resin adjustment on chest, legs and waist. Side harness pins allow you to remove the positioning belt. Metal buckle tab closure for a faster and more comfortable opening.

CE EN 361, EN 358



● Anti-fall anchor element.
● Anchor element positioning.

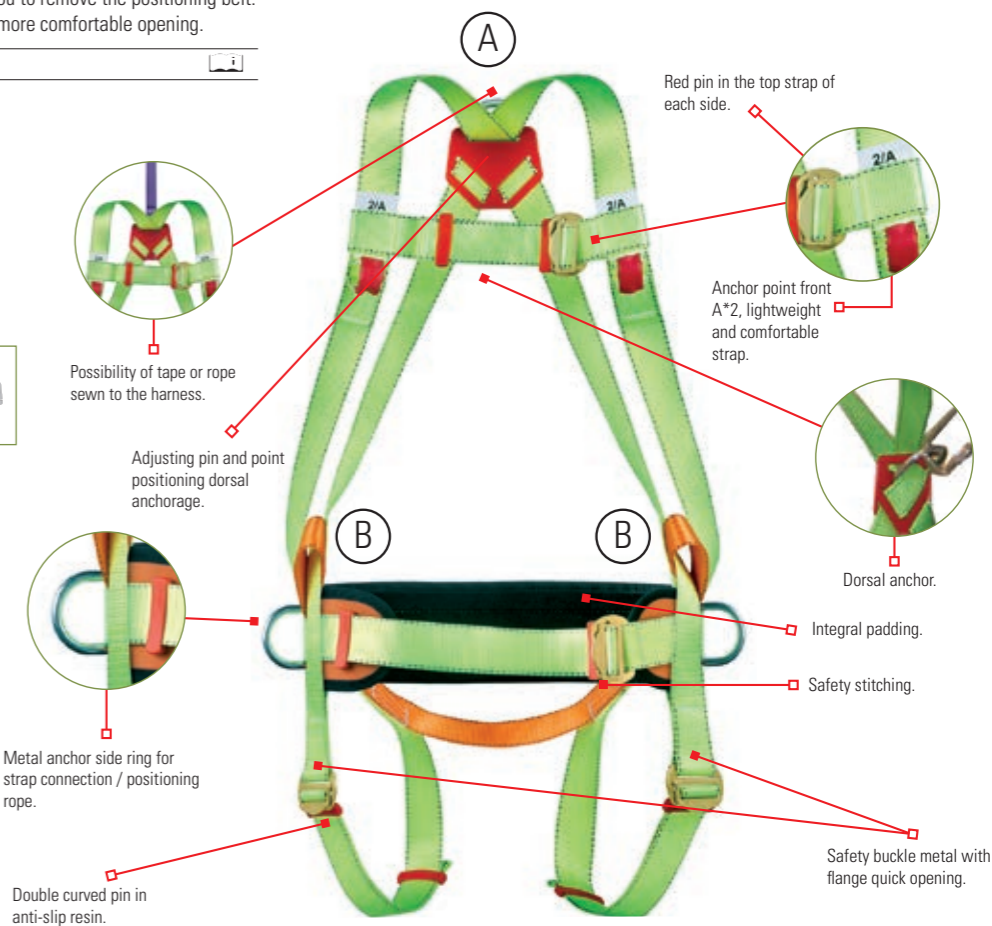


Ⓐ Anchor points

Ⓑ Positioning points

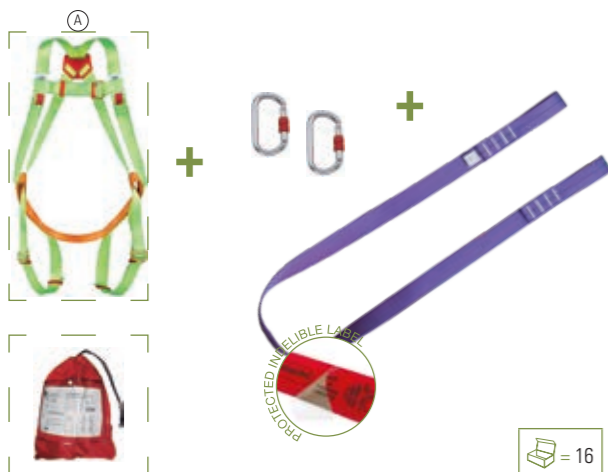


Built-in carry bag.



REF.: EPI-301/2

Front and back and front anchor harness + lanyard on 1.5 m + 2 webbing carabiners + carry bag with document holder window.



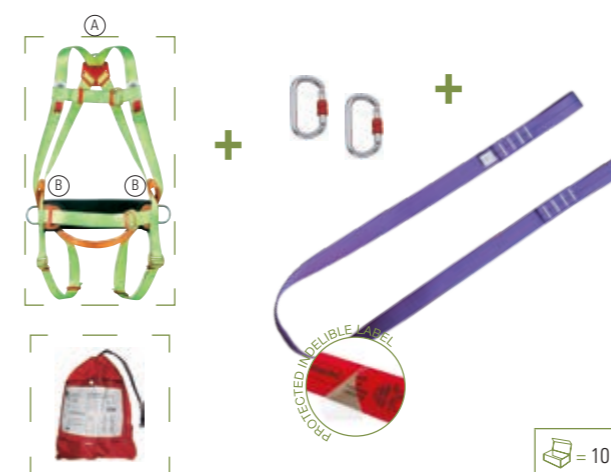
REF.: EPI-301/4

Front and back anchor harness + adjustable strap lanyard 2 m length + 2 carabiners + carry bag with document holder window.



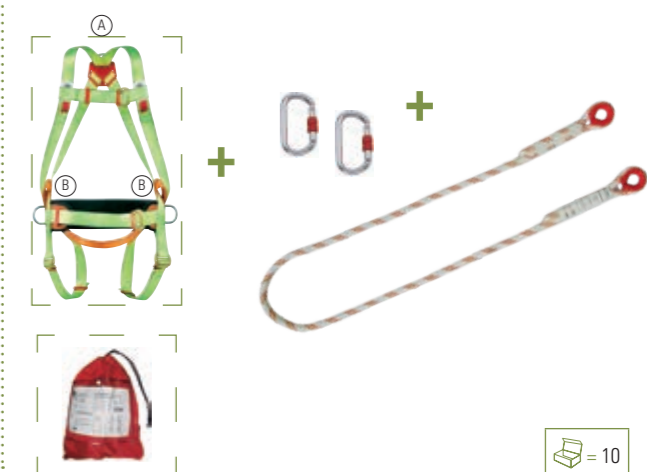
REF.: EPI-301/3

Dorsal and front anchor harness + positioning belt + lanyard / positioning on 1.5 m tape + 2 carabiners + carry bag.



REF.: EPI-301/5

Dorsal and front anchor harness + positioning belt + lanyard / positioning on 1.5 m rope + 2 carabiners + carry bag.



[All kits can be supplied with an energy absorber incorporated in the lanyard by adding +AB10 after the reference. E.g. EPI-301/3+AB10]

INTEGRAL HARNESS FOR SUSPENSION WORK

Integral harness with wraparound padded back protector. Specialised for vertical jobs. Fully adjustable with automatic buckles and aluminium pickets. Includes tool holder.

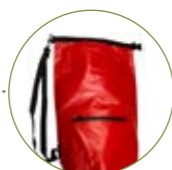
CE EN 361, EN 358, EN 813

3



- Anti-fall anchor element.
- Anchor element positioning.

INCLUDES BAG



- A) Anchor points
- B) Positioning points



REF: EPI-720/KIT1

Integral harness + 1.5 m webbing lanyard + AB10 + 2 carabiners + carry bag with document holder window.



REF: EPI-720/KIT2

Integral harness + lanyard on 1.5 m rope + AB10 + 2 carabiners + carry bag with document holder window.



REF: EPI-720/KIT3

Integral harness + Y rope with AB10 and 2 steel carabiners opening 53 mm (total length 1.80 m) + 3 m automatic positioning element with protector + 2 steel carabiners + carry bag.



REF: EPI-720/KIT4

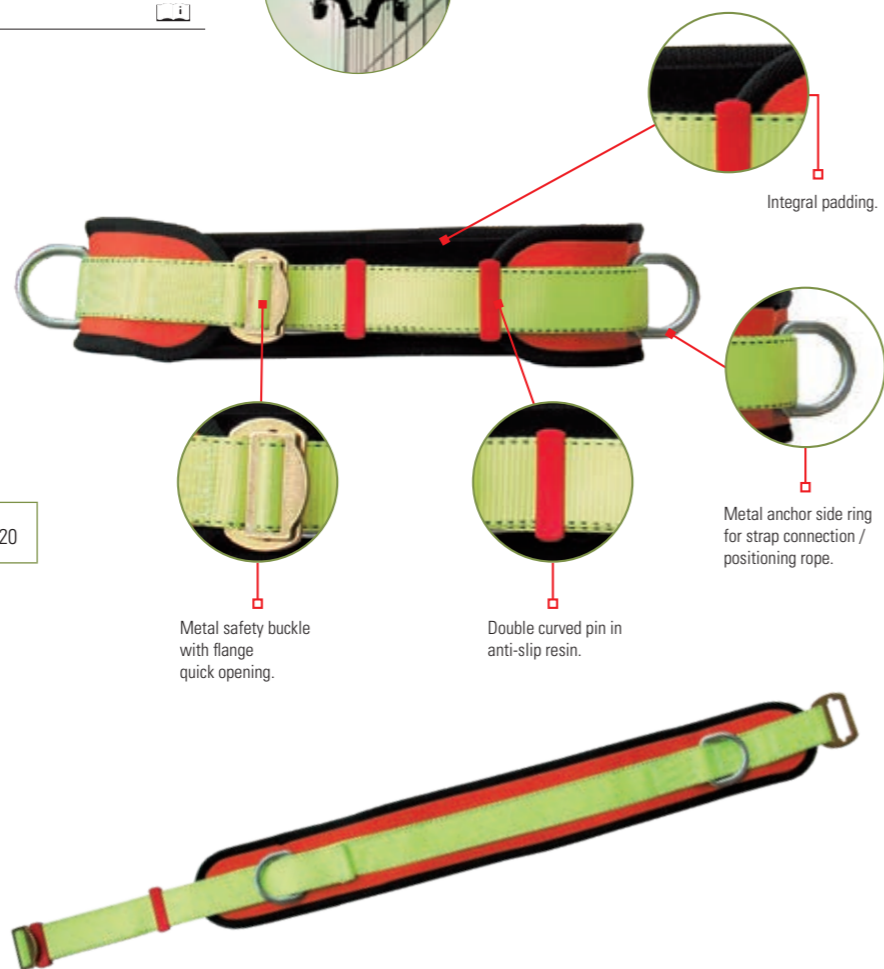
Integral harness + Y elastic strap with AB10 and 2 steel carabiners opening 53 mm in aluminum (total length 1.80 m) + automatic positioning element 3 m with protector + 2 steel carabiners + carry bag.



POSITIONING BELT

Height positioning belt. Integral padding. Adjustable and adaptable to all harness models. Double anti-slip resin pin. Metal buckle with safety clasp with quick opening and easy handling. Carry bag.

CE EN 358



Positioning anchor element.



Positioning points

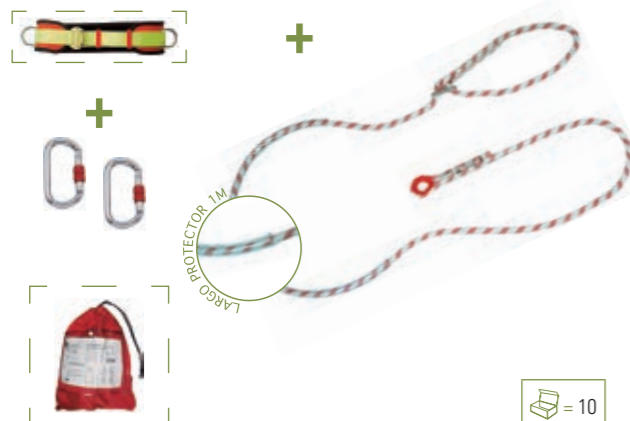
= 20



Built-in carry bag.

REF: CI/SG-304-4

Positioning belt + 3m positioning rope with protector and manual adjustment + 2 carabiners + carry bag.



= 10

REF: CI/SG-304-5

Positioning belt + 3m positioning rope with protector and automatic + 2 carabiners + carry bag.



= 10

DESCENT AND RESCUE TRIPOD

- Material: high strength aluminium alloy.
- Height: from 1.7 m to 2.7 m.
- Diameter: 1.8 m.
- Adjustment: Three heights, locking by pin.
- Winch: Manual, with 20 m cable and automatic connecting twister.
- Folded length: 1.37 m.
- Weight: 22 kg.
- Working load limit: 250 kg.
- Made with aluminium alloy tubes, oval legs with multiple holes and retaining steel bolts.
- Equipped with non-slip support, which allows for a wide opening and perfect positioning.
- Wheeled carry bag.



• Aluminium descent and rescue tripod. Telescopic rods of three heights, providing greater height and work diameter at the base.

CE EN 1496, EN 795

Ref.	Kg	
TRP1-3AL	22	1



• Aluminium descent and rescue tripod kit. Telescopic rods adjustable at three points, providing greater height and working diameter at the base. Complete equipment with 20 m cable + 10 m retractable.

CE EN 1496, EN 795

Ref.	Kg	
TRP1-3AL-2	27,20	1

ENERGY ABSORBER

Maximum comfort due to its small size. Open length 2 m. Possibility of mounting on all types of straps and ropes.

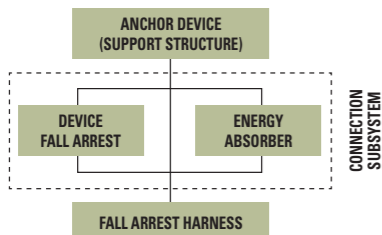
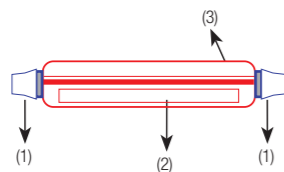
CE EN 355:2002

Ref.	↓m	↓mm	↓mm
AB10	2 m abierto	20	

*All kits can be supplied with an energy absorber incorporated in the lanyard adding + AB10 after the reference.

PARTS:

1. Connection node
2. Identification label
3. Transparent cover

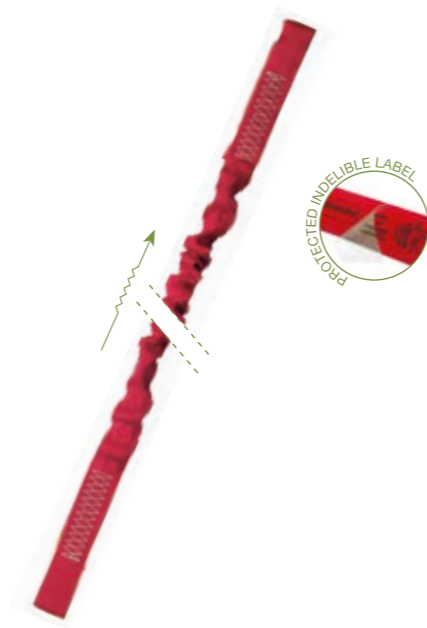


TAPE EPIS AND THOSE SECURITY KITS THAT HAVE BUILT-IN AB10 HAVE A PROTECTED LABEL THAT PREVENTS DATA ERASURE.



REF. BW-278 · RECOMENDED KITS

• Elastic lanyard, high strength polyester strap, 1.5 meters stretched, strap width 44 mm. CE EN 354



Ref.	↓m	↓mm	↓mm
BW-278	1-1,5*1	44	20

RECOMENDED KITS:

Ref.	↓m	↓mm	↓mm
Elastic strap 1 m. (1.5 m stretched) + 2 steel carabiners			
BW-278/KIT1	1.5	20	
AB10 + 1 m elastic strap. (1.5 m stretched)			
BW-278/KIT2	1.8	10	
AB10 + 1 m elastic strap. (1.5 m stretched) + 1 steel carabiner opening 54 mm			
BW-278/KIT3	1.8	10	
AB10 + 1 m elastic band. (1.5 m stretched) + 1 aluminium carabiner opening 60 mm			
BW-278/KIT4	1.8	10	
AB10 + 1 m elastic band. (1.5 m stretched) + 1 aluminium carabiner opening 110 mm			
BW-278/KIT5	1.8	5	

● IMMEDIATE DELIVERY

*OTHER KITS SEE WEB

REF. BW-278/Y · RECOMENDED KITS

• Elastic lanyard * 2, high strength polyester tape, length 1 m * width 44 mm + AB10. CE EN 354, EN 355



Ref.	↓m	↓mm	↓mm
BW-278/Y	1+AB10	44	10

* Length with the product stretched: 1-1.50 m

RECOMENDED KITS:

Ref.	↓m	↓mm	↓mm
AB10 + 2 Elastic straps 1 m. (1.5 m. strength) + 2 steel carabiners opening 55 mm			
BW-278/Y/KIT1	1.80	10	
AB10 + 2 Elastic straps 1 m. (1.5 m. strength) + 2 aluminium carabiners opening 60 mm			
BW-278/Y/KIT2	1.80	10	
AB10 + 2 Elastic straps 1 m. (1.5 m. strength) + 2 aluminium carabiners opening 110 mm			
BW-278/Y/KIT3	1.80	5	

● IMMEDIATE DELIVERY

*OTHER KITS SEE WEB

The kits presented can be manufactured and combined with the carabiners and/or referenced bag. To calculate the price add the references and apply your associated discount:

+

- Ref. MOS-860 Steel 18mm opening 25kN break
- Ref. MOS-863 Aluminium 18mm opening 25kN break
- Ref. MOS-861 Automatic, steel 19mm opening 25kN break
- Ref. MOS-864 Aluminium 20mm opening 25kN break
- Ref. MOS-292 Flat steel 19mm opening 25kN break
- Ref. MOS-293 Flat steel swivel 19mm opening 18kN break
- Ref. MOS-862 Steel 26mm opening 50kN break
- Ref. MOS-14S Aluminium 25mm opening 25kN break
- Ref. MOS-266 Steel 54mm opening 25kN break
- Ref. MOS-267 Aluminium 60mm opening 23kN break
- Ref. MOS-268 Aluminium 110mm opening 23kN break
- Ref. YIW001 Aluminium 24mm opening 23kN break

POSITIONING ELEMENTS / ROPE MOORING ELEMENTS

• Positioning element at 12Ø with line guard and anti-wear reinforcement, 3 m. Adjustable. **CE EN 358**



Ref.	l m	Ø mm	Icon
CU-933/P	3	12	10



• Reinforced positioning element with automatic adjustment. Maximum comfort and rapid repositioning. **CE EN 358**



Ref.	l m	Ø mm	Icon
CU-933/32	3	12	10



• Reinforced positioning element with automatic adjustment and flat carabiner. Maximum comfort and rapid repositioning. **CE EN 358**



Ref.	l m	Ø mm	Icon
CU-933/33	3	12	10



• Semi-static rope in thermofixed polyamide. Type A. **CE EN 1891**



Ref.	Ø mm	Icon
CR-1891-12	12	200 m
CR-1891-10	10.5	200 m

*PVP linear meter

• 12 mm rope lanyard with rope guard. **CE EN 354**



Ref.	l m	Ø mm	Icon
CU-933/2	0.5	12	25
CU-933/3	1	12	25
CU-933/4	1.5	12	25
CU-933/5	2	12	25

RECOMMENDED KITS:

Ref.	l m	Icon	* Maximum length 2 m with carabiners included.
------	-----	------	--

1.5 m rope + 2 carabiners

CU-933/KIT1 1.8 20

AB10 + 1.5 m rope

CU-933/KIT2 1.8 10

2m manually adjustable rope

CU-933/KIT3 1.8 20

AB10 + 1.5 m rope + 1 steel carabiner 55 mm opening

CU-933/KIT4 1.8 10

AB10 + 1.5 m rope + 1 aluminium carabiner 60 mm opening

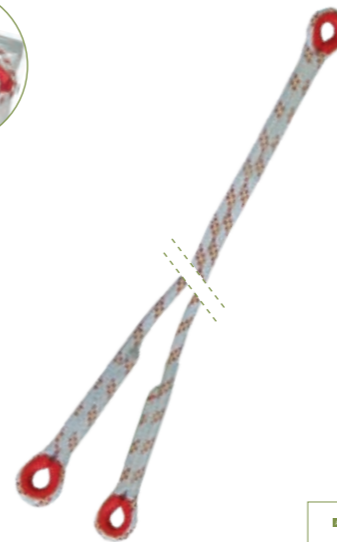
CU-933/KIT5 1.8 10

● IMMEDIATE DELIVERY

+ OPTIONAL COMBINATIONS
* ADD REFERENCES IN THE DESIRED ORDER TO PLACE ANY ORDER

MOORING ELEMENTS ON SEMI-STATIC ROPE • EN 1891 • TYPE A • 12MM

• Double Y lanyard, in high strength polyester rope, length 1.20 meters. **CE EN 354**



Ref.	l cm	Ø mm	Icon
CU-933/Y	120	12	20



ADJUSTABLE ROPE • OPTIONAL:
REF. XX + AJ

RECOMMENDED KITS:

Ref.	l m	Icon	Rope length: 1.20 m Other lengths on request
------	-----	------	---

1.2m double Y rope + 2 steel carabiners 55 mm opening

CU-933/Y/KIT1 1.50 10

AB10 + 1.2 m double Y rope + 2 steel carabiners 55 mm opening

CU-933/Y/KIT2 1.80 10

AB10 + 1.2 m double Y rope + 2 aluminium carabiners 60 mm opening

CU-933/Y/KIT3 1.80 10

AB10 + 1.2 m double Y rope + 2 aluminium carabiners 110 mm opening

CU-933/Y/KIT4 1.80 5

● IMMEDIATE DELIVERY

*OTHER KITS SEE WEB

+ OPTIONAL COMBINATIONS
* ADD REFERENCES IN THE DESIRED ORDER TO PLACE ANY ORDER

The kits presented can be manufactured and combined with the carabiners and/or referenced bag.

+ Ref. MOS-860 Steel 18mm opening 25kN break

+ Ref. MOS-863 Aluminium 18mm opening 25kN break

+ Ref. MOS-861 Automatic steel 19mm opening 25kN break

+ Ref. MOS-864 Aluminium 20mm opening 25kN break

+ Ref. MOS-292 Flat steel 19mm opening 25kN break

+ Ref. MOS-293 Flat steel swivel 19mm opening 18kN break

+ Ref. MOS-862 Steel 26mm opening 50kN break

+ Ref. MOS-14S Aluminium 25mm opening 25kN break

+ Ref. MOS-266 Steel 54mm opening 25kN break

+ Ref. MOS-267 Aluminium 60mm opening 23kN break

+ Ref. MOS-268 Aluminium 110mm opening 23kN break

+ Ref. YIW001 Aluminium 24mm opening 23kN break

+ Ref. PTRS-16MM Protector option 1m rope

● Ref. AB10

POSITIONING ELEMENTS AND/OR STRAP MOORING



• High strength polyester webbing lanyard 35 mm wide. **CE EN 354**



Ref.	l _m	l _{mm}	Icon
CI-518/2	0.5	35	
CI-518/3	1	35	
CI-518/4	1.5	35	
CI-518/5	1.8	35	

RECOMENDED KITS*:

Ref.	l _m	Icon	* Maximum length 2 m including carabiners
1.5 m strap + 2 carabiners			
CI-518/KIT1	1.5	20	
AB10 + 1.5 m strap			
CI-518/KIT2	1.8	10	
Manually adjustable strap 2 m			
CI-518/KIT3	1.8	20	
AB10 + 1.5 m strap + 1 aluminium carabiner opening 55 mm			
CI-518/KIT4	1.8	10	
AB10 + 1.5 m strap + 1 aluminium carabiner opening 60 mm			
CI-518/KIT5	1.8	10	

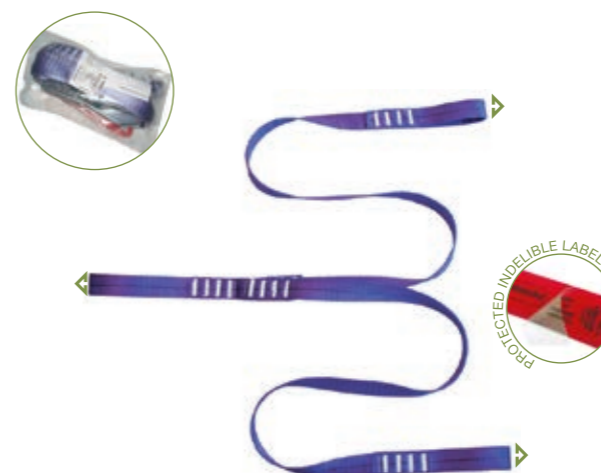
● IMMEDIATE DELIVERY

*OTHER KITS SEE WEB

+ OPTIONAL COMBINATIONS
* ADD REFERENCES IN THE DESIRED ORDER TO PLACE ANY ORDER

MOORING ELEMENTS IN HIGH STRENGTH POLYESTER RIBBON

• Double Y lanyard high strength polyester tape 1.20 m. **CE EN 354**



Ref.	l _{cm}	l _{mm}	Icon
CI-518/Y	120	35	

RECOMENDED KITS:

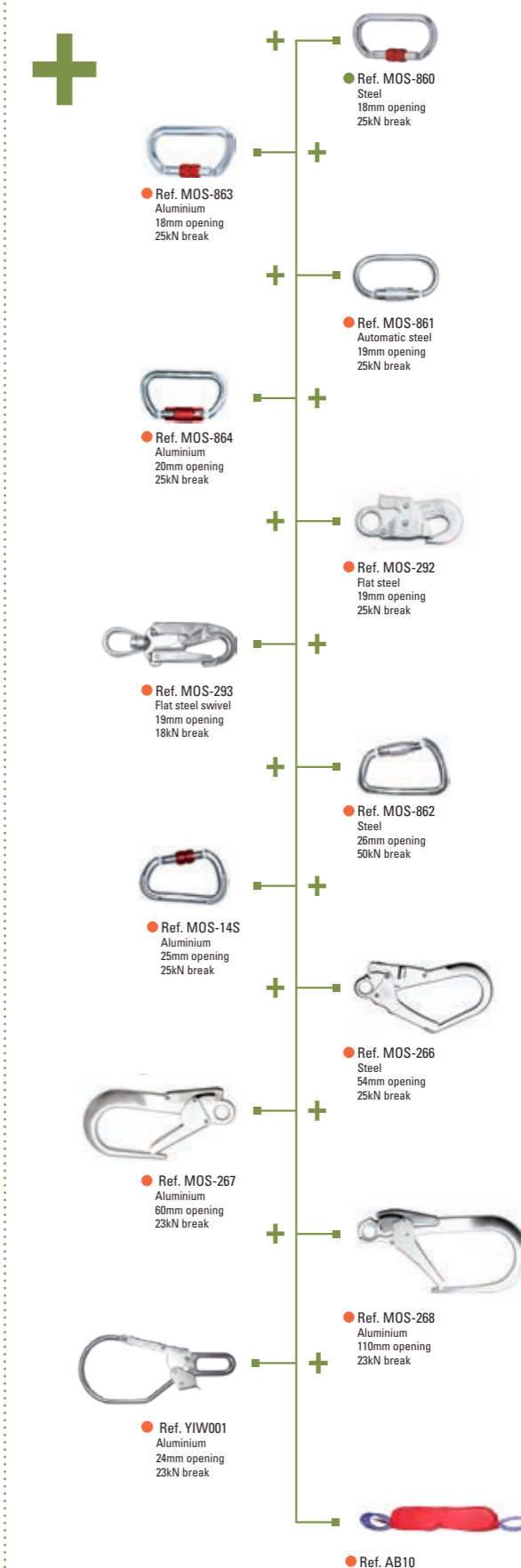
Ref.	l _m	Icon	Strap length: 1.20 m * Other measures on request
1.2 m double Y strap + 2 steel carabiners opening 55 mm			
CI-518/Y/KIT1	1.50	20	
AB10 + double Y strap 1.2 m + 2 steel carabiners opening 55 mm			
CI-518/Y/KIT2	1.80	10	
AB10 + double Y strap 1.2 m + 2 aluminium carabiners opening 60 mm			
CI-518/Y/KIT3	1.80	10	
AB10 + double Y strap 1.2 m + 2 aluminium carabiners opening 110 mm			
CI-518/Y/KIT4	1.80	5	

● IMMEDIATE DELIVERY

*OTHER KITS SEE WEB

+ OPTIONAL COMBINATIONS
* ADD REFERENCES IN THE DESIRED ORDER TO PLACE ANY ORDER

The kits presented can be manufactured and combined with the carabiners and/or referenced bag.



↑ respect packing units when ordering

REF. LI-226 · RECOMMENDED KITS

• Portable vertical safety line, high strength polyamide rope, thermofixed type A of 12° mm EN 1891. With PVC end guards. **CE EN 353-2**

● IMMEDIATE DELIVERY /CONFIGURATION ON REQUEST.
PRODUCTS CAN BE MANUFACTURED IN ANY SIZE FROM 0 TO 200 METERS AND COMBINE WITH ANY CARABINER/REFERENCED BAG.

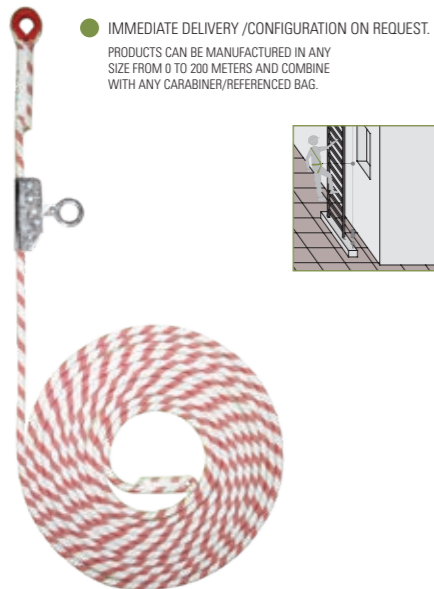


Ref.	m	📦
LI-226/10	10	5
LI-226/20	20	4
LI-226/30	30	3
LI-226/40	40	2
LI-226/50	50	1

¹ Maximum length 200 m

• Portable vertical safety line, high strength polyester rope thermofixed type A 12° mm with PVC end guards, EN 1891 and non-removable automatic blocker. **CE EN 353-2**

● IMMEDIATE DELIVERY /CONFIGURATION ON REQUEST.
PRODUCTS CAN BE MANUFACTURED IN ANY SIZE FROM 0 TO 200 METERS AND COMBINE WITH ANY CARABINER/REFERENCED BAG.

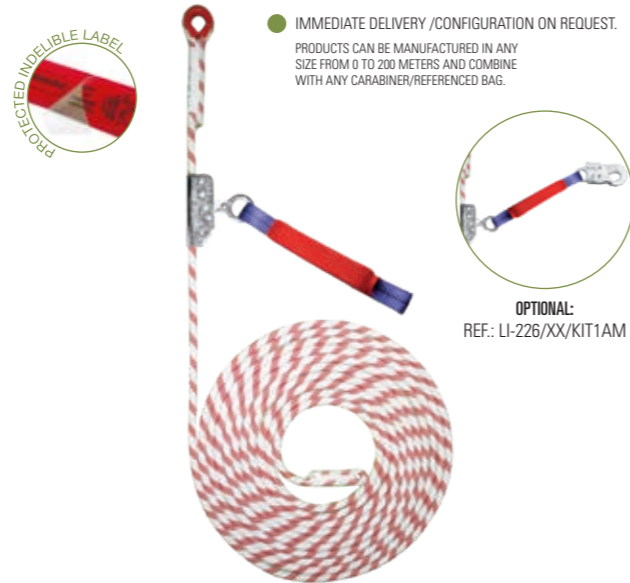


Ref.	m	📦
LI-226/10/KIT1	10	5
LI-226/20/KIT1	20	4
LI-226/30/KIT1	30	3
LI-226/40/KIT1	40	2
LI-226/50/KIT1	50	1

¹ Maximum length 200 m

• Portable vertical safety line, high strength polyamide rope thermofixed type A 12° mm with PVC end guards, EN 1891 and non-removable automatic blocker plus absorber. **CE EN 353-2**

● IMMEDIATE DELIVERY /CONFIGURATION ON REQUEST.
PRODUCTS CAN BE MANUFACTURED IN ANY SIZE FROM 0 TO 200 METERS AND COMBINE WITH ANY CARABINER/REFERENCED BAG.



OPTIONAL:
REF.: LI-226/XX/KIT1AM

Ref.	m	📦
LI-226/10/KIT1AB	10	5
LI-226/20/KIT1AB	20	4
LI-226/30/KIT1AB	30	3
LI-226/40/KIT1AB	40	2
LI-226/50/KIT1AB	50	1

¹ Maximum length 200 m

• Portable vertical safety line, high strength polyamide rope thermofixed type A 12° mm with PVC end guards, EN 1891 and removable automatic lock. **CE EN 353-2**

● IMMEDIATE DELIVERY /CONFIGURATION ON REQUEST.
PRODUCTS CAN BE MANUFACTURED IN ANY SIZE FROM 0 TO 200 METERS AND COMBINE WITH ANY CARABINER/REFERENCED BAG.



OPTIONAL:
REF.: LI-226/XX/KIT2AM

Ref.	m	📦
LI-226/10/KIT2	10	5
LI-226/20/KIT2	20	4
LI-226/30/KIT2	30	3
LI-226/40/KIT2	40	2
LI-226/50/KIT2	50	1

¹ Maximum length 200 m

REF. LI-226 · RECOMMENDED KITS

• Portable vertical safety line, high strength polyamide rope thermofixed type A 12° mm with PVC end guards, EN 1891 and removable automatic safety blocker plus energy absorber. **CE EN 353-2**

● IMMEDIATE DELIVERY /CONFIGURATION ON REQUEST.
PRODUCTS CAN BE MANUFACTURED IN ANY SIZE FROM 0 TO 200 METERS AND COMBINE WITH ANY CARABINER/REFERENCED BAG.



Ref.	m	📦
LI-226/10/KIT2AB	10	5
LI-226/20/KIT2AB	20	4
LI-226/30/KIT2AB	30	3
LI-226/40/KIT2AB	40	2
LI-226/50/KIT2AB	50	1

¹ Maximum length 200 m



The kits presented can be manufactured in any measure from 0 to 200 m. They can also be combined with the referenced carabiners and / or bag.

+

- Ref. MOS-860 Steel 18mm opening 25kN break
- Ref. MOS-863 Aluminium 18mm opening 25kN break
- Ref. MOS-861 Automatic steel 19mm opening 25kN break
- Ref. MOS-864 Aluminium 20mm opening 25kN break
- Ref. MOS-292 Flat steel 19mm opening 25kN break
- Ref. MOS-293 Flat steel swivel 19mm opening 18kN break
- Ref. MOS-862 Steel 26mm opening 50kN break
- Ref. MOS-14S Aluminium 25mm opening 25kN break
- Ref. MOS-266 Steel 54mm opening 25kN break
- Ref. MOS-267 Aluminium 60mm opening 23kN break
- Ref. MOS-268 Aluminium 110mm opening 23kN break
- Ref. YIW001 Aluminium 24mm opening 23kN break
- Ref. PTRS-16MM Protector option 1m rope

Ref. BLP-03 Carry bag option

PRESENTATION

REF. LI-470 · RECOMENDED KITS

Adjustable horizontal safety line, 35 mm high-strength polyester. Made in any length up to a maximum of 20 meters. 2 Users. Presentation shrink wrapping. **CE EN 795 class B**

2 USERS



RECOMENDED KITS:

Ref.	m	mm	
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Adjustable webbed safety line, maximum length 20 m
+ 2 carabiners
Presentation: SHRINK WRAPPING



LI-470/20/KIT1	20	35	10
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Adjustable webbed safety line, maximum length 20 m
+ 2 carabiners
+ carry bag



LI-470/20/KIT2	20	35	8
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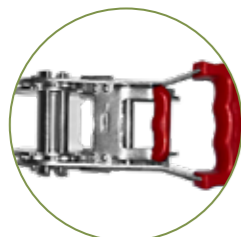
Adjustable webbed safety line, maximum length 20 m
+ 2 carabiners automatic twister
+ carry bag



LI-470/20/KIT3	20	35	8
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IMMEDIATE DELIVERY

CONFIGURE YOUR EQUIPMENT AS NEEDED. MANUFACTURED ON REQUEST



RATCHET WITH ERGONOMIC HANDLE PROTECTED WITH PVC



NEW REINFORCED HANDLE IMPROVES DURABILITY *3



CARRY BAG (KIT2 AND KIT3)



PROTECTED INDELEBLE LABEL

REF. LH-530 · RECOMENDED KITS

Adjustable portable horizontal safety line, 50 mm high strength polyester strap (Maximum length 30 m). Lateral end rings, which guarantee minimal wear with intensive use, prolonging its durability considerably *2. Ergonomic tensioner in red, PVC coated. Multi-user, **maximum four people**. **CE EN 795 class B**

Length: 5 to 30 m
Colours: red, orange and blue
Strap width: 50 mm
Strap break: 7.500 kg
Minimum system break: 2,500 kg (direct pull)



MULTI USER *Max. 4 people



Ref.	m	mm	
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¹ Length maximum 30 m

RECOMENDED KITS:

Ref.	m	mm	
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Adjustable portable horizontal safety line 50 mm strap (Maximum length 30 m) + 2 carabiners + carry bag.



LH-530/KIT2	5-30	50	1
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Portable horizontal safety line adjustable 50 mm strap (Length maximum 30 m) + 2 carabiners + Canvas carry bag.



LH-530/KIT3	5-30	50	1
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PRODUCT PRESENTATION:



LH-530: SHRINK-WRAPPED



LH-530/XX/KIT2: CARRY BAG



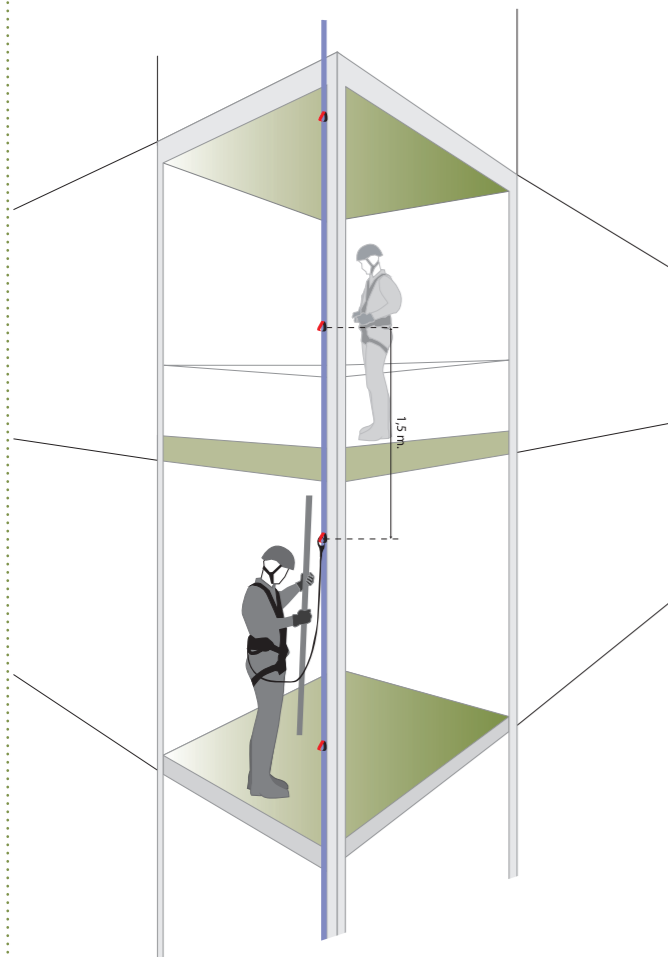
LH-530/XX/KIT3: CANVAS CARRY BAG

• Safety line with anchor points every 1.5 m. Can be supplied with built-in carabiner and strap protector on request. Strap width 35mm.

CE EN 795 Class B



Ref.	m	
LI-480/10/AN	10	3
LI-480/20/AN	20	2
LI-480/30/AN	30	2
LI-480/40/AN	40	1
LI-480/50/AN	50	1



REF. LI-480 · RECOMENDED KITS

The kits presented can be manufactured in any size and can be combined with the referenced carabiners and/or bag.

+

- Ref. MOS-860
Steel
18mm opening
25kN break
- Ref. MOS-863
Aluminium
18mm opening
25kN break
- Ref. MOS-861
Steel automatic
19mm opening
25kN break
- Ref. MOS-864
Aluminium
20mm opening
25kN break
- Ref. MOS-292
Flat steel
19mm opening
25kN break
- Ref. MOS-293
Flat steel swivel
19mm opening
18kN break
- Ref. MOS-862
Steel
28mm opening
50kN break
- Ref. MOS-14S
Aluminium
25mm opening
25kN break
- Ref. MOS-266
Steel
54mm opening
25kN break
- Ref. MOS-267
Aluminium
60mm opening
23kN break
- Ref. MOS-268
Aluminium
110mm opening
23kN break
- Ref. YIW001
Aluminium
24mm opening
23kN break
- Ref. BLP-03
Carry bag option

• Ribbon loop anchor point 35 mm wide. High strength polyester (PES). Minimum breakage 45 kN. CE EN 795 class B



Ref.	m	
AZ-900-1	0,80	25
AZ-900-2	1,5	25
AZ-900-3	2	25
AZ-900-4	3	25

OPTIONAL:
PROTECTIVE SLEEVE
*Assembly on request



• Ribbon loop anchor point 35 mm wide. High strength polyester (PES). Minimum breakage 45 kN. CE EN 795 class B



Ref.	m	
AZ-900-5	0,80	25
AZ-900-6	1,5	25
AZ-900-7	2	25
AZ-900-8	3	25

OPTIONAL:
PROTECTIVE SLEEVE
*Assembly on request



- Loop anchor point. High strength polyester. 50mm width (PES). With metal ring and reinforced handle. Minimum breakage 25 kN. **CE EN 795 class B**



PROTECTIVE SLEEVE
*Assembly on request



Ref.	l _m	U
AZ-950-60L	0,60	20
AZ-950-70L	0,70	20
AZ-950-1	0,80	20
AZ-950-2	1,5	20

- Anchor point. High strength polyester (PES) 50 mm wide, with metal terminals, one of them with a 12 mm thread. Minimum break 22 kN. **CE EN 795 class B**



PROTECTIVE SLEEVE
*Assembly on request



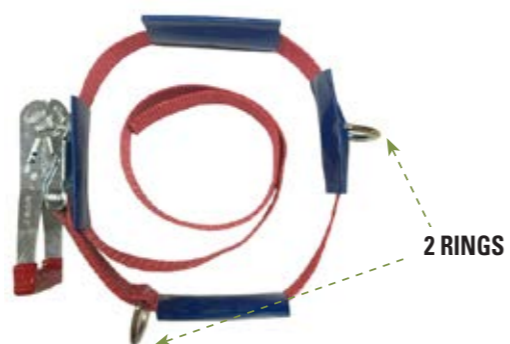
Ref.	l _m	U
AZ-950-50C	0,50	20
AZ-950-80C	0,80	20
AZ-950-3	1,5	20
AZ-950-4	2	20

ANCHORING POINT FOR 2 PERSONS

- Anchorage point for two people made of high tenacity polyester tape (PES) 50 mm wide and continuous filament. **CE EN 795 class B**



Ref.	l _m	U
AZ-950-10	3	15



2 RINGS

ANCHOR POINT IN HIGH STRENGTH STEEL - CE EN 795 A

- Anchor point in high strength steel.

Ref.	kN	U
PA-200	30	10



- Anchor point in high strength steel with expansion screw for concrete.

Ref.	kN	U
PA-200-1	30	10



- Anchor point in high strength steel with screw for metal profile.

Ref.	kN	U
PA-200-2	30	10



- Plate for anchor point in high strength steel.

Ref.	l _{mm}	U
PA-100	40	10



- Plate with Ø16 mm screw for anchorage point in high strength steel.

Ref.	l _{mm}	U
PA-100-1	40	10



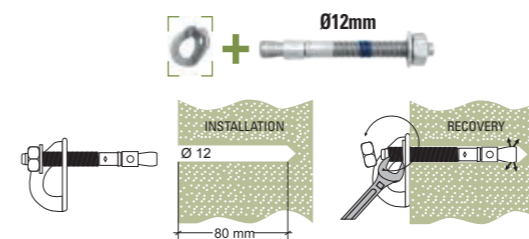
ANCHOR POINTS IN STAINLESS STEEL - CE EN 795 A

- Anchor point in stainless steel.



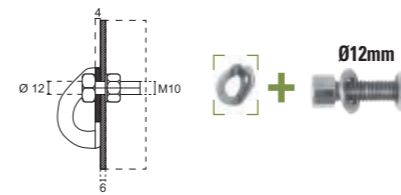
Ref.	kN	U
PA-300	30	10

- Anchor point with expansion screw for concrete.



Ref.	kN	U
PA-300-1	30	10

- Anchor point with screw for metal profile.



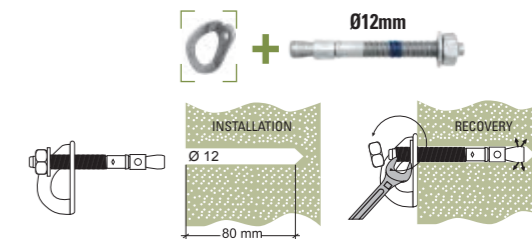
Ref.	kN	U
PA-300-2	30	10

- Large opening anchor point in stainless steel.



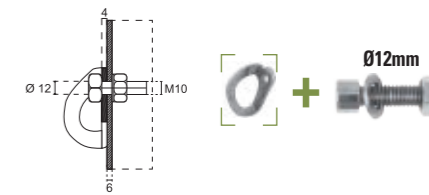
Ref.	kN	U
PA-300GA	30	10

- Large opening anchor point for concrete.



Ref.	kN	U
PA-300GA-1	30	10

- Large opening anchor point for metal profile.



Ref.	kN	U
PA-300GA-2	30	10

RETRACTABLE DEVICES

• Automatic retractable device, high strength polyester rope. It incorporates two automatic, steel carabiners. Recommended for jobs where an EN 354 system is not long enough, allowing more working radius. **CE EN 360**



Ref.	Kg	μm	mm	Icon
WR-704	1.50	6	1	

• Automatic strap retractable device with built-in AB10 and two carabiners automatic in high resistance steel. **CE EN 360**



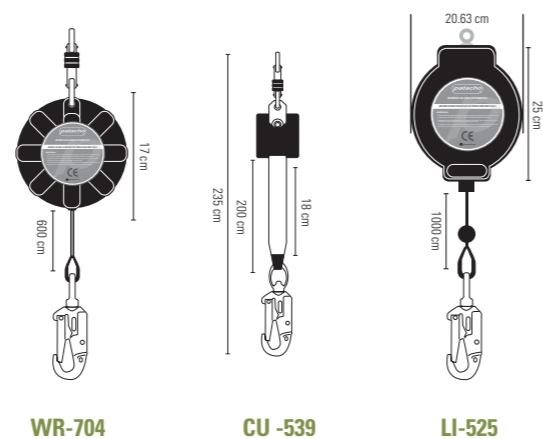
Ref.	Kg	μm	mm	Icon	
CU-539	1.25	2.50	45	1	

• Automatic cable retracting device. Includes automatic carabiner with swivel and recovery rope. **CE EN 360**



Ref.	Kg	μm	Icon
LI-525	5.20	10	1
LI-541	5.90	15	1
LI-542	6.10	20	1

PATACHO RETRACTABLE DIMENSIONS



SILLA DE POSICIONAMIENTO

• Suspended working positioning chair. **CE**



Ref. BLP-03
Carry bag option



Ref.	Icon
S-1831	1



CARABINERS
AND METAL PARTS

CARABINERS

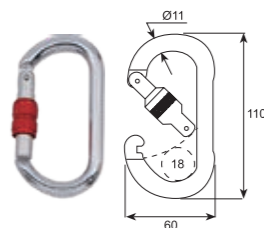


GENERIC PRESENTATION OF CARABINERS AND SAFETY PARTS

• Safety carabiners in high resistance steel, screw closure.
CE EN 362

SAFETY CARABINER WITH SCREW CLOSURE

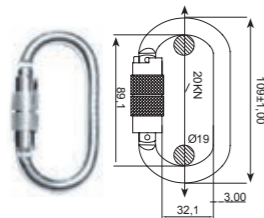
Material Opening mm Break REF. MOS-860



Steel 18 25kN 120

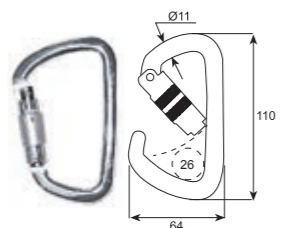
SELF-CLOSING SAFETY CARABINERS

Material Opening mm Break REF. MOS-861



Steel 19 25kN 10

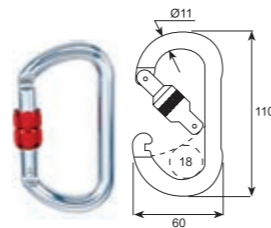
Material Opening mm Break REF. MOS-862



Steel 26 50kN 10

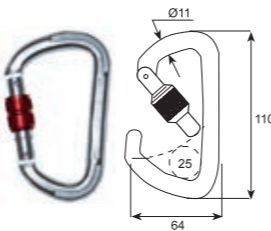
SAFETY CARABINER WITH SCREW CLOSURE

Material Opening mm Break REF. MOS-863



Aluminium 19 25kN 10

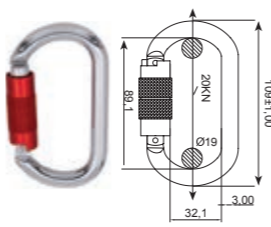
Material Opening mm Break REF. MOS-14S



Aluminium 25 25kN 10

SELF-CLOSING SAFETY CARABINERS

Material Opening mm Break REF. MOS-864

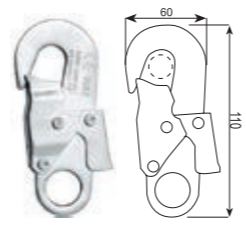


Aluminium 19 25kN 10

• Safety carabiners with automatic closure. CE EN 362

SAFETY CARABINERS WITH AUTOMATIC CLOSURE

Material Opening mm Break REF. MOS-292



Steel 19 25kN 10

Material Opening mm Break REF. YAH010

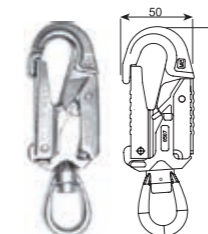


Aluminium 21 22kN 10

CARABINERS AND LOCKERS

• Safety carabiner with automatic closure. CE EN 362

Material Opening mm Break REF. MOS-293

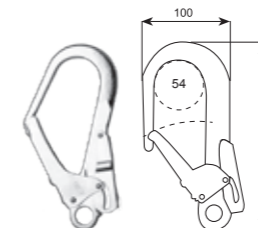


Steel 20 25kN 10

• Safety carabiners in high resistance steel and aluminium.
CE EN 362

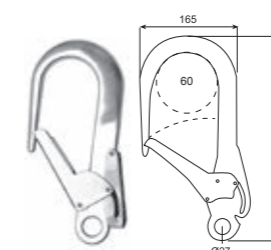
SAFETY HOOK

Material Opening mm Break REF. MOS-266



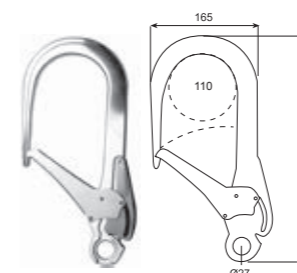
Steel 54 25kN 10

Material Opening mm Break REF. MOS-267



Aluminium 60 22kN 10

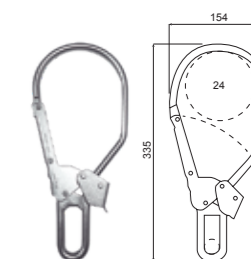
Material Opening mm Break REF. MOS-268



Aluminium 110 23kN 10



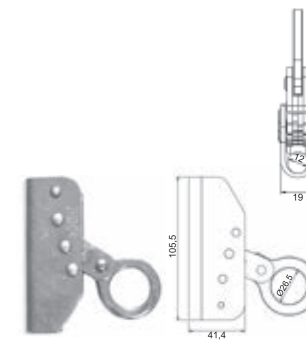
Material Opening mm Break REF. YIW001



Steel 25 25kN 10

• Non-removable automatic clamp in steel for rope. CE EN 353-2

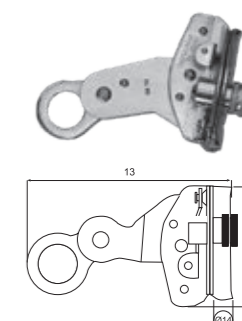
Material Ø mm Break REF. YIG001



Steel 12 22kN 10

• Detachable automatic steel blocker with safety for 12 mm rope.
CE EN 353-2

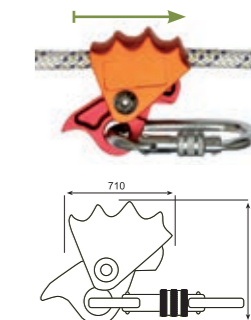
Material Ø mm Break REF. AC-621



Steel 12 22kN 10

• Aluminium positioning clamp for rope. CE EN 358

Material Ø mm Break REF. A632



Aluminium 9-12 15kN 10

CONTROL[®]+

MOORING SYSTEMS

The cargo lashing and securing systems manufactured by EUROINDUSTRIAL PTC, S.L.U., are used to secure loads of all kinds, transport in general, industry and the like.

Polyester lashing systems are very flexible and lightweight. Made of polyester 100% high strength. The polyester receives an additional surface treatment that makes it resistant to external atmospheric agents.

Metal components are made of high resistance steel with an anti-corrosion treatment.

These are identified with a blue label with the technical, mechanical and use according.

The CONTROL[®]+ range of clamping system products are certified for the most diverse uses, all of them with a safety coefficient of 2 to 1.

They are manufactured with programmable robotic machines which guarantees a homogeneous and durable finish in industrial processes of large batches.

Manufactured according to standard: EN 12195-2.

*The standard range is presented, consult the factory for other custom models.

CARGO TIE-DOWN CONTROL[®]+

CONTROL[®]+ lashing straps are made of high-quality polyester. They consist of a mooring device (tensioner ratchet) and end pieces (hooks and eyelets). High resistant to tractive forces, lightweight, protect the load and are very durable.

Webbing straps: when mounting they must have a minimum breaking strength of three times the system's mooring capacity, defined in direct traction.

Metal parts: turnbuckles and hooks must have a minimum breaking strength of twice the capacity of the mooring system, defined in direct traction (all parts are available separately at www.euroindustrialptc.es).

TYPES OF TIE STRAPS

1. ONE PIECE STRAP:

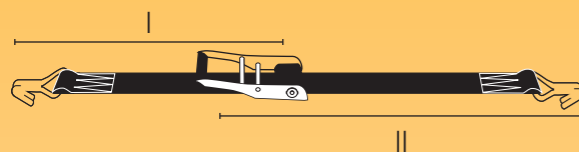
The one-piece lashing strap is made up of a strap and a clamping device (ratchet tensioner). With this type of tape you can tie your cargo in one go.



2. TWO PIECE STRAP:

Consists of:

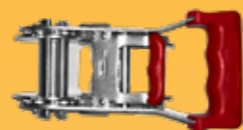
- I. A short belt equipped at one end with a tensioner and the other end with a hook.
- II. A longer strap, with one end free and the other with an end piece. The free end is inserted into the ratchet tensioner.



TYPES OF RATCHET TENSIONER

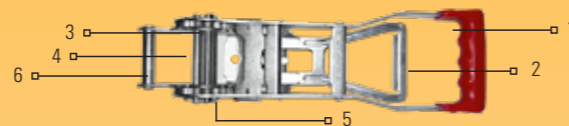
1. TRADITIONAL TENSIONER:

Traditional ratchet tensioners are tightened by activating the lever with a pushing motion.



2. ERGO TENSIONER:

ERGO ratchet tensioners are tightened with a twisting motion that facilitates the transmission of force on the belt. The ERGO ratchet tensioners have an additional guide for the strap and can be used for heavier loads.



- 1 | Lever
- 2 | Lock plate
- 3 | Guide
- 4 | Strap
- 5 | Axis
- 6 | Additional guide (only on ERGO tensioners)

PRODUCT PRESENTATION

EUROINDUSTRIAL PTC, S.L.U. constantly strives to improve its products and services, and take care in its presentation right down to the various shrink-wrapped solutions, bags, boxes, etc., forming part of delivery and customer storage, providing protection and security during transport, from the place of manufacture to the point of sale and product placement. In addition to this, as standard, are the individual instructions and requirements of each product and / or system that we can customise for the needs of each client.

● ECOLINE SHRINK WRAPPING



The marked references with green dot and stamp ecoline correspond to the shrink-wrapped presentation of the product.

● PACK OF 1



The references marked with a red dot correspond to the packaged presentation of the product.

STANDARDS AND APPLICATION

Mooring systems are governed by standard EN 12195-2: "Devices for securing cargo in road vehicles", which establishes the requirements that must be met by mooring systems, from their design and manufacture to their commercialization, to ensure the health and safety of users.

- EN 12195-2: Load securing devices for vehicles on the road.
- According to this standard, the LC (clamping capacity) or work load is expressed in daN (decaNewton).
- Details of the EN 12195-2 standard:
- The utilization coefficient of the metal parts (end pieces, hooks and ratchet tensioners) must withstand a force of at least twice the value of the breaking force (safety factor 1:2).
 - The coefficient the strap must resist a force of at least three times the value of the breaking force (safety factor 1:3).
 - The complete mooring system must resist a breaking force of at least twice the value of the load capacity.

MOORING SYSTEM LABEL

A (Invisible part of the label)
Sewn on tape

Compulsory mentions:

- A | Manufacture name
- B | LC: lashing capacity¹
- C | Raw material
- D | Traceability code
- E | Production year

1 | Manufacturer/distributor identification (logo)
2 | Reference
3 | Mooring capacity
4 | Direct pull
5 | Pull in U
6 | Production date
7 | Serial number
8 | Lot
9 | Notice "Do not use to lift loads"
10 | Elongation
11 | Applied standards
12 | Read equipment instructions before use
13 | Manufacturer/distributor data

LC 500 daN
DATE DD/MM/YY
01
01/XX
DO NOT LIFT LOADS
←→ MÁX. 7%
EN-12195-2

EUROINDUSTRIAL PTC, S.L.U.
PI-IND. DE TEXEIRO, PARCELA D-40,
15310 TEXEIRO, A CORUÑA (SPAIN)
www.euroindustrialptc.es

¹ LC (lashing capacity) = the maximum authorized tension in the mooring straps (lashing capacity).
² RAW MATERIAL: It translates into the colour of the label: blue labels for polyester straps; brown labels for polypropylene straps.



PROTECTED LABEL DETAIL: Improves the durability of the label and protects it from wear and tear due to continued use.

SAFE STOWAGE OF CARGO

Correctly loading and stowing the merchandise in the delivery vehicles on the road is essential to ensure a safe journey. It is very important that these operations are carried out in accordance with the regulations in force and the corresponding national legislation on traffic, road safety and worker protection.

BEFORE LOADING THE VEHICLE:



- ✓ Make sure the vehicle is appropriate for the merchandise being transported.
- ✓ Check that the cargo platform and the interior body of the vehicle are clean, in good condition and undamaged.
- ✓ Determine the optimal load equipment you need for the merchandise being transported.
- ✓ Determine which mooring systems are the best suited to the load (closing, blocking, top fixing, or combination of these systems).
- ✓ Determine the number and type of straps and/or chains that are needed to hold the load optimally, as well as other materials (pallets, profiles angular, protectors...).

DURING LOADING AND STOWAGE:



- ✓ Do not exceed the maximum load (18t) authorized for the complete vehicle.
- ✓ Distribute loads according to the permissible axle load.
- ✓ Arrange of the shipment in the optimal way.
- ✓ Place the goods based on the intended unloading order.

DURING LOADING AND SECURING:



- ✓ Check that the fastening material is in good condition and has no defect.
- ✓ Make sure the fastening material is correctly marked and legible.
- ✓ Avoid any useless free space between different loads.
- ✓ Make sure the clamping material distributes the forces exerted by the goods in as balanced a way as possible.

500 KG



• 500 daN pressure buckle mooring system.
EN 12195-2, SF 2:1

Ref.	m*	
ENP-122	2	30
ENP-123	3	30
ENP-124	4	30
ENP-125	5	30
ENP-126	6	30

Strap width 25 mm
*Larger images on request

• Standard lashing system with ratchet tensioner 500 daN.
EN 12195-2, SF 2:1

Ref.	m*	
ENP-980	2	30
ENP-981	3	30
ENP-982	4	30
ENP-983	5	30
ENP-984	6	30

Strap width 25 mm
*Larger images on request

500 KG · STRAPS 25 MM

• Standard mooring system with ratchet tensioner and closed 500 daN.
EN 12195-2, SF 2:1

Ref.	m*	
ENP-182	2	30
ENP-183	3	30
ENP-184	4	30
ENP-185	5	30
ENP-186	6	30

Strap width 25 mm
*Larger images on request

• 500 daN pressure buckle mooring system.
EN 12195-2, SF 2:1

Ref.	m*	
ENP-122/B	2	30
ENP-123/B	3	30
ENP-124/B	4	30
ENP-125/B	5	30
ENP-126/B	6	30

Strap width 25 mm
*Larger images on request

• Standard lashing system with ratchet tensioner 500 daN.
EN 12195-2, SF 2:1

Ref.	m*	
ENP-980/B	2	30
ENP-981/B	3	30
ENP-982/B	4	30
ENP-983/B	5	30
ENP-984/B	6	30

Strap width 25 mm
*Larger images on request

• Standard mooring system with ratchet tensioner and closed hooks 500 daN.
EN 12195-2, SF 2:1

Ref.	m*	
ENP-182/B	2	30
ENP-183/B	3	30
ENP-184/B	4	30
ENP-185/B	5	30
ENP-186/B	6	30

Strap width 25 mm
*Larger images on request

1,000 KG · STRAPS 35 MM

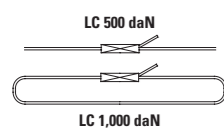
1,000 KG

• 1,000 daN pressure buckle mooring system.
EN 12195-2, SF 2:1



Ref.	l _m *	h
ENP-252	2	25
ENP-253	3	25
ENP-254	4	25
ENP-255	5	25
ENP-256	6	25

Strap width 35 mm
*Larger images on request

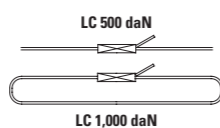


• 1,000 daN pressure buckle mooring system.
EN 12195-2, SF 2:1



Ref.	l _m *	h
ENP-252/B	2	25
ENP-253/B	3	25
ENP-254/B	4	25
ENP-255/B	5	25
ENP-256/B	6	25

Strap width 35 mm
*Larger images on request



FASTENING STRAPS

• Fastening straps with buckle and hooks. Adjustable tension. Length 3 m. Self-winding, system that collects excess tape. Comfortable and practical in the minimum space. Plasticized hook to avoid chafing. EN 12195-2



Ref.	l _m	h _{mm}
AUT-253M	3	25

3,000 KG · STRAPS 35 MM

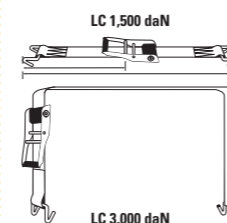
3,000 KG

• Standard lashing system with ratchet tensioner and open hooks 3,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m *	h
ENM-164	4.50	10
ENM-165	5.50	10
ENM-166	6.50	10
ENM-167	7.50	10
ENM-168	8.50	10
ENM-169	9.50	10

Strap width 35 mm
*Larger images on request

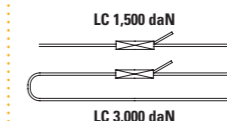


• Standard lashing system with ratchet tensioner 3,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m *	h
ENM-444	4	10
ENM-445	5	10
ENM-446	6	10
ENM-447	7	10
ENM-448	8	10
ENM-449	9	10

Strap width 35 mm
*Larger images on request

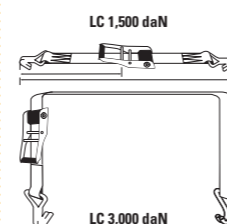


• Standard lashing system with ratchet tensioner and closed hooks 3,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m *	h
ENM-344	4.50	10
ENM-345	5.50	10
ENM-346	6.50	10
ENM-347	7.50	10
ENM-348	8.50	10
ENM-349	9.50	10

Strap width 35 mm
*Larger images on request



STRAP PROTECTOR 35 MM PVC

• The PVC strap protector is supplied on request in sections of 25 cm each. Choose the number of units you want for your team.



Ref.	l _{cm}	h _{mm}
PR-35	25	35



• MANUFACTURE ON REQUEST OF 35 MM MOORING SYSTEM WITH PVC PROTECTOR. FACTORY PLACEMENT OF 25 CM SECTION UNITS.

5,000 KG · 50 MM STRAPS

5,000 KG

• Standard mooring system with ratchet tensioner and open hooks 5,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m *	
ENG-175	5.50	5
ENG-176	6.50	5
ENG-177	7.50	5
ENG-178	8.50	5
ENG-179	9.50	5
ENG-180	10.50	5
ENG-181	11.50	5
ENG-182	12.50	5

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-17X + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-178 + strap*8m

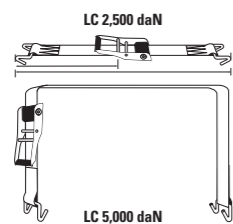
PL-179 + strap*9m

PL-179 + strap*10m

PL-181 + strap*11m

PL-182 + strap*12m

Strap width 50 mm
*Larger images on request



OPEN HOOK TENSIONER

• Standard lashing system with ratchet tensioner and closed hooks 5,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m	
ENG-195	5.50	5
ENG-196	6.50	5
ENG-197	7.50	5
ENG-198	8.50	5
ENG-199	9.50	5
ENG-200	10.50	5
ENG-201	11.50	5
ENG-202	12.50	5

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-19X + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-198 + strap*8m

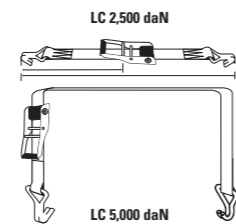
PL-199 + strap*9m

PL-200 + strap*10m

PL-201 + strap*11m

PL-202 + strap*12m

Strap width 50 mm
*Larger images on request



CLOSED HOOK TENSIONER

5,000 KG · 50 MM STRAPS

• Standard mooring system with ratchet tensioner and flat hook 5,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m *	
ENG-185	5	5
ENG-186	6	5
ENG-187	7	5
ENG-188	8	5
ENG-189	9	5
ENG-190	10	5
ENG-191	11	5
ENG-192	12	5

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-18X + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-188 + strap*8m

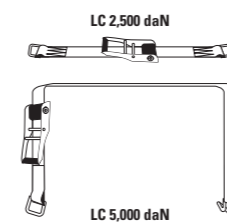
PL-189 + strap*9m

PL-190 + strap*10m

PL-191 + strap*11m

PL-192 + strap*12m

Strap width 50 mm
*Larger images on request



U HOOK TENSIONER

• Standard lashing system with ratchet tensioner and hooks 5,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m *	
ENGTR-55	5	5
ENGTR-56	6	5
ENGTR-57	7	5
ENGTR-58	8	5
ENGTR-59	9	5
ENGTR-60	10	5
ENGTR-61	11	5
ENGTR-62	12	5

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-55X + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-58 + strap*8m

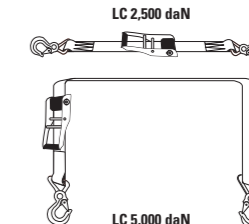
PL-59 + strap*9m

PL-60 + strap*10m

PL-61 + strap*11m

PL-62 + strap*12m

Strap width 50 mm
*Larger images on request



TRIANGULAR HOOK TENSIONER WITH RING

5,000 KG · 50 MM STRAPS

Standard mooring system with ratchet tensioner and ring 5,000 daN.
EN 12195-2, SF 2:1



Ref.	l _m *	
ENG-AN5	5	5
ENG-AN6	6	5
ENG-AN7	7	5
ENG-AN8	8	5
ENG-AN9	9	5
ENG-AN10	10	5
ENG-AN11	11	5
ENG-AN12	12	5

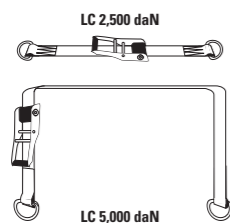
EXPLODED PARTS SHORT PART

Ref.	COMPONENTES
PC-ANX	+ strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
PL-AN8	+ strap*8m
PL-AN9	+ strap*9m
PL-AN10	+ strap*10m
PL-AN11	+ strap*11m
PL-AN12	+ strap*12m

Strap width 50 mm
*Larger images on request

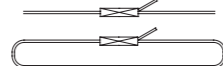


HOOK TENSIONER WITH RING

Standard mooring system with ratchet tensioner 5,000 daN.
EN 12195-2, SF 2:1

ratchet lock spring
strap 50mm

LC 2.500 daN



LC 5.000 daN



Ref.	l _m *	
ENG-215	5	8
ENG-216	6	8
ENG-217	7	8
ENG-218	8	8
ENG-219	9	8
ENG-220	10	8

ENDLESS TENSIONER

Mooring system to secure loads inside equipped trailers with 5,000 daN standard attachment rail. EN 12195-2, SF 2:1



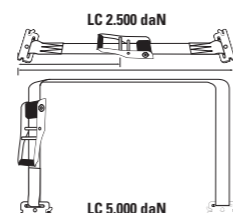
Ref.	l _m *	
ENG-840	2,50	8
ENG-841	3,50	8
ENG-842	4,50	8

Strap width 50 mm
*Larger images on request

Lashing system for securing loads inside refrigerated trailers equipped.



Ref.	l _m *	
CF-5002G (With hook)	0,50	15
CF-500 (No hook)	0,50	15



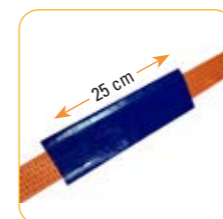
RAIL HOOK TENSIONER

5,000 KG · 50 MM STRAPS

STRAP PROTECTOR 50 MM PVC

The PVC strap protector is supplied on request in sections of 25 cm each. Choose the number of units you want for your team.

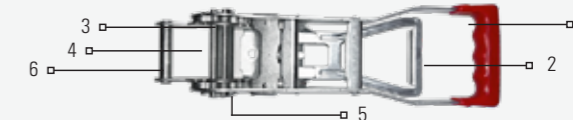
Ref.	l _{cm}	l _{mm}
PR-50	25	50



MANUFACTURE ON REQUEST OF 50 MM MOORING SYSTEM WITH PVC PROTECTOR. FACTORY PLACEMENT OF 25 CM SECTION UNITS.



ERGO RATCHET TENSIONER: PARTS AND HOW TO USE



1 Lever; 2 Lock plate, 3 Guide, 4 Strap, 5 Axis, 6 Additional guide

1. GUIDE PLACEMENT

Open the lever and place the guide (3) upwards by moving back and forth (with the lever).

2. TIE DOWN THE LOAD WITH THE STRAP

3. PASS THE STRAP THROUGH THE GUIDE AND TIGHTEN

Insert the strap (4) into the guide (3) and pull up. Attention: with the ERGO tensioner, the strap must be passed UNDER THE guide (6). Pull the tape back to the starting point. Tighten the upper part of the tie strap until it is well fixed around the load.

4. TIE THE STRAP WITH THE TENSIONER

Activate the lever (1) with back and forth movements so that the strap (4) goes back up through shaft (5). For a secure mooring, respect the rule of minimum 1.5 to maximum 3 turns. Caution: Activate the lever only when the strap has secured the load sufficiently. If the belt makes too many turns around the axis (5) then the load has not been set correctly.

5. TIE THE TAPE WITH THE TENSIONER

6. RELEASE THE STRAP

To release the tie strap, press the lock plate (2) and rotate the lever (1) 180° until it is flat. Release the lock plate (2). Caution: The tension force is released in one go. Release the belt by pulling on the tensioner or the lower belt.



5,000 KG · 50 MM STRAPS

DOUBLE RADIUS

• ERGO ratchet mooring system with inverted closure, open hooks 5,000 daN.
EN 12195-2, SF 2:1



ERGO MODEL



Ref.	l _m *	
ENG-175C2R	5.50	4
ENG-176C2R	6.50	4
ENG-177C2R	7.50	4
ENG-178C2R	8.50	4
ENG-179C2R	9.50	4
ENG-180C2R	10.50	4
ENG-181C2R	11.50	4
ENG-182C2R	12.50	4

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-17XC2R + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-178 + strap*8m

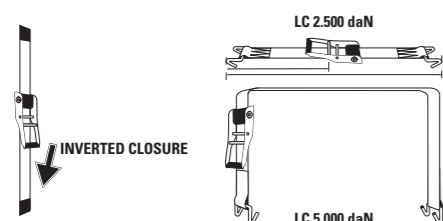
PL-179 + strap*9m

PL-180 + strap*10m

PL-181 + strap*11m

PL-182 + strap*12m

Strap width 50 mm
*Larger images on request



OPEN HOOK TENSIONER ERGO MODEL

• ERGO ratchet mooring system with inverted closure, closed hooks 5,000 daN.
EN 12195-2, SF 2:1



ERGO MODEL



Ref.	l _m	
ENG-195C2R	5.50	4
ENG-196C2R	6.50	4
ENG-197C2R	7.50	4
ENG-198C2R	8.50	4
ENG-199C2R	9.50	4
ENG-200C2R	10.50	4
ENG-201C2R	11.50	4
ENG-202C2R	12.50	4

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-19XC2R + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-198 + strap*8m

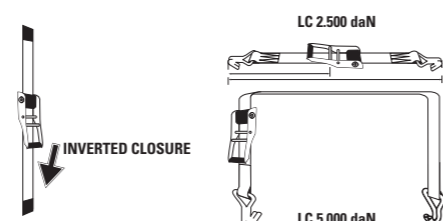
PL-199 + strap*9m

PL-200 + strap*10m

PL-201 + strap*11m

PL-202 + strap*12m

Strap width 50 mm
*Larger images on request



CLOSED HOOK TENSIONER ERGO MODEL

5,000 KG · 50 MM STRAPS

DOUBLE RADIUS

• ERGO ratchet mooring system with inverted closure, flat hook 5,000 daN.
EN 12195-2 coef. seg. 2-1



ERGO MODEL



Ref.	l _m *	
ENG-185C2R	5	4
ENG-186C2R	6	4
ENG-187C2R	7	4
ENG-188C2R	8	4
ENG-189C2R	9	4
ENG-190C2R	10	4
ENG-191C2R	11	4
ENG-192C2R	12	4

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-18XC2R + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-188 + strap*8m

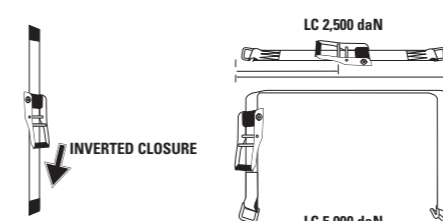
PL-189 + strap*9m

PL-190 + strap*10m

PL-191 + strap*11m

PL-192 + strap*12m

Strap width 50 mm
*Larger images on request



U HOOK TENSIONER ERGO MODEL

• ERGO ratchet mooring system with inverted closure and hook 5,000 daN.
EN 12195-2 coef. seg. 2-1



ERGO MODEL



Ref.	l _m *	
ENGTR-55C2R	5	4
ENGTR-56C2R	6	4
ENGTR-57C2R	7	4
ENGTR-58C2R	8	4
ENGTR-59C2R	9	4
ENGTR-60C2R	10	4
ENGTR-61C2R	11	4
ENGTR-62C2R	12	4

EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
------	------------

PC-55XC2R + strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
------	------------

PL-58 + strap*8m

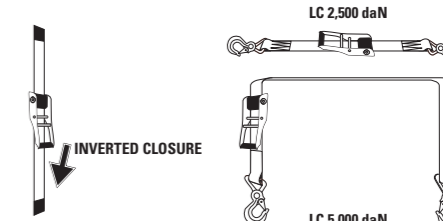
PL-59 + strap*9m

PL-60 + strap*10m

PL-61 + strap*11m

PL-62 + strap*12m

Strap width 50 mm
*Larger images on request



TRIANGULAR HOOK TENSIONER WITH RING ERGO MODEL

5,000 KG · 50 MM STRAPS

ERGO ratchet mooring system with inverted closure and ring 5,000 daN.
EN 12195-2 coef. seg. 2-1



ERGO MODEL



Ref.	l _m *	
ENG-AN5C2R	5	5
ENG-AN6C2R	6	5
ENG-AN7C2R	7	5
ENG-AN8C2R	8	5
ENG-AN9C2R	9	5
ENG-AN10C2R	10	5
ENG-AN11C2R	11	5
ENG-AN12C2R	12	5

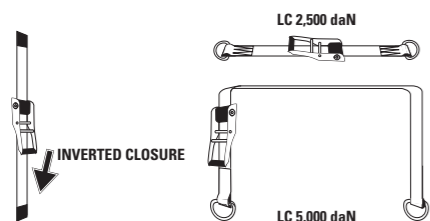
EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
PC-ANXC2R	+ strap 0,5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
PL-AN8	+ strap*8m
PL-AN9	+ strap*9m
PL-AN10	+ strap*10m
PL-AN11	+ strap*11m
PL-AN12	+ strap*12m

Strap width 50 mm
*Larger images on request



TENSIONER WITH RING MODEL ERGO

Mooring system with ERGO ratchet tensioner for inverted closing, 5,000 daN. EN 12195-2 coef. seg. 2-1



ERGO MODEL

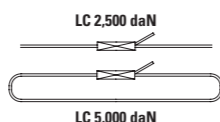


ERGO ratchet locking spring strap 50mm



Ref.	l _m *	
ENG-215C2R	5	5
ENG-216C2R	6	5
ENG-217C2R	7	5
ENG-218C2R	8	5
ENG-219C2R	9	5
ENG-220C2R	10	5

Strap width 50 mm
*Larger images on request



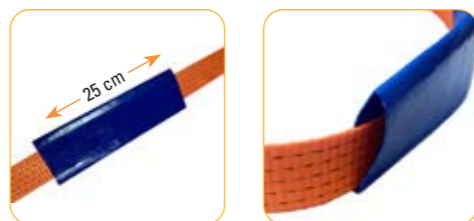
ENDLESS TENSIONER ERGO MODEL

STRAP PROTECTOR 50 MM PVC

The PVC strap protector is supplied on request in sections of 25 cm each. Choose the number of units you want for your team.



Ref.	l _{cm}	l _{mm}
PR-50	25	50



MANUFACTURE UPON REQUEST OF THE ERGO 50 MM RATCHET MOORING SYSTEM WITH PVC PROTECTOR. FACTORY PLACEMENT OF 25 CM SECTION UNITS.

10,000 KG · STRAP 75 MM

Mooring system with double radius ratchet and closed hooks 10,000 daN. EN 12195-2, SF 2:1



Ref.	l _m	
ENG-10T7	7.50	2
ENG-10T8	8.50	2
ENG-10T9	9.50	2
ENG-10T10	10.50	2
ENG-10T11	11.50	2
ENG-10T12	12.50	2
ENG-10T13	13.50	2
ENG-10T14	14.50	2
ENG-10T15	15.50	2

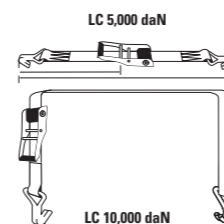
EXPLODED PARTS SHORT PART

Ref.	COMPONENTS
PC-10TX	+ strap 0.5 m +

EXPLODED PARTS LONG PART

Ref.	COMPONENTS
PL-10T8	+ strap*8m
PL-10T9	+ strap*9m
PL-10T10	+ strap*10m
PL-10T11	+ strap*11m
PL-10T12	+ strap*12m
PL-10T13	+ strap*12m
PL-10T14	+ strap*12m
PL-10T15	+ strap*12m

Strap width 75 mm
*Larger images on request



CLOSED HOOK TENSIONER



STRAP PROTECTOR 75 MM PVC

The PVC strap protector is supplied on request in sections of 25 cm each. Choose the number of units you want for your team.

Ref.	l _{cm}	l _{mm}
PR-75	25	75



MANUFACTURE ON REQUEST OF 75 MM MOORING SYSTEM WITH PVC PROTECTOR. FACTORY PLACEMENT OF 25 CM SECTION UNITS.

CORNER GUARDS

• PVC corner protector for straps with a maximum width of 50 mm.



Ref.	mm	mm	
PR-E15	137	50	10



• PVC corner protector for straps with a maximum width of 90 mm.



Ref.	mm	mm	
PR-E16	150	90	10



• Corner plate and 1.2 m protection made of black polyethylene.



Ref.	mm	mm	
PEN-120	140	180	10

• PP Corrugated Angles 1,2 m -30°C/+80°C. Made of PEHD, 12 mm. Orange.



Ref.	mm	mm	
PEPR-120	160	120	10



MULTI STICK

• Telescopic aluminum handle adjustable from 1,000 to 2,500 mm with ergonomic grip for placing angles and corner pieces up to 1.20 m. CE



Ref.	mm	
SSG01-1	1,000-2,500	1



• Short head for placing angles and corners. CE



Ref.	mm	
SSG01-2	100	1

• Long head for placing angles and corners up to 1.20 m. CE

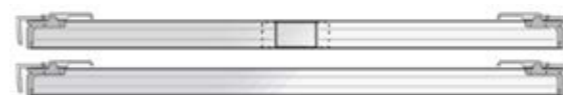


Ref.	mm	
SSG01-3	500	1

*Note: this system is mounted on ref SSG01-2.

LOAD BLOCKERS

• Adjustable aluminium load securing rail - extendable 2,400 a 2,700 mm, for horizontal use. CE



Ref.	mm	kg		
PLACA2427	125*30	8.20	2,400-2,700	1

• Adjustable aluminium load extendable retaining bar/tube, for horizontal and vertical use. CE



Ref.	mm	kg	mm	
TUB2329	42	4.8	2,260-2,960	1

• Curtain buckle with strap and hook for side of vehicle, black. Made in Polypropylene.



Ref.	mm	Break kg	
OTD4701	47*800	600	10

• Spring-loaded shoring bar made of high strength aluminium. Adjustable length. End pins to fit round hole. CE



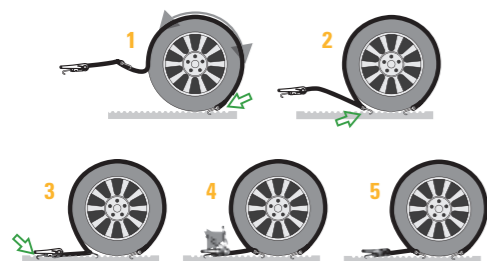
Ref.	mm	kg	mm	
SBA303R	42	4,8	2,140-2,540	4

CAR CARRIER 4,000 KG

• 2.5 meter car carrier mooring system, one meter tape protector. Includes 4,000 kg carry bag. **EN 12195-2**



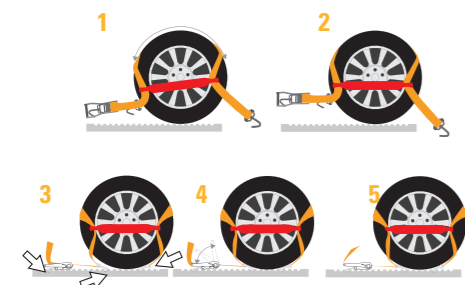
Ref.	μm	mm	
AMP-250	2.50	50	8



• 2.5 m car carrier mooring system, with 60 cm strap-loop. 4,000 kg. **EN 12195-2**



Ref.	μm	mm	
AMP-252	2.50	50	8

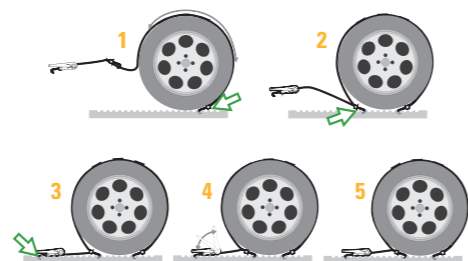


CAR CARRIER 4,000 KG

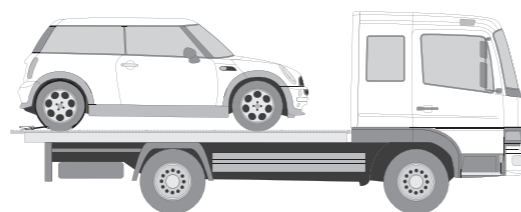
• 2.5 m car carrier mooring system, with three anti-slip studs. 4,000 kg. **EN 12195-2**



Ref.	μm	mm	
AMP-251	2.50	50	8



AMP-250



AMP-251



AMP-252

CAR CARRIER 3,000 KG

• 2.5 m car carrier mooring system, with 0.5 m tube band. 3,000 kg. **EN 12195-2**



Ref.	μm	mm	
AMP-253	2,50	35	8

• 2.5 m car carrier mooring system, with 0.5 m green tube band. 3,000 kg. **EN 12195-2**



Ref.	μm	mm	
AMP-254	2,50	35	8



RATCHED
ERGONOMIC WITH
PVC HANDLE

CAR CARRIER 1,500 KG

• 2 m car carrier mooring system with plasticized hook. **EN - 12195-2, SF 2:1**



Ref.	μm	mm	
PTC-2A	2	27	25
PTC-2B	2	27	25
PTC-2C	2	27	25

OPTIONAL: BLACK HOOK B



REF: PTC-2B

OPTIONAL: BLACK HOOK C



REF: PTC-2C

• 2 m car carrier mooring system with loop and laminated hooks. **EN - 12195-2, SF 2:1**



Ref.	μm	mm	
PTC-2LA	2	27	25
PTC-2LB	2	27	25
PTC-2LC	2	27	25

OPTIONAL: BLACK HOOK B



REF: PTC-2LB

OPTIONAL: BLACK HOOK C



REF: PTC-2LC



BUCKLES AND HOOKS

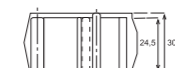
PRESSURE BUCKLE

Pressure buckle
Width 25 and 35 mm

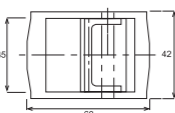


Ref.	Kg	mm	mm
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HE-729	500	25	10
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HE-730	1,000	35	10
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RATCHET

Ratchet
Width 25, 35, 50 and 75 mm

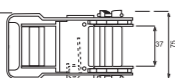


Ref.	Kg	mm	mm
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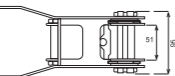
HE-732	500	25	10
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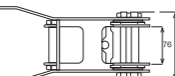
HE-733	3,000	35	10
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HE-734	5,000	50	10
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HE-735	10,000	75	10
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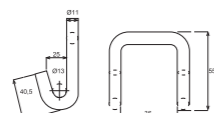
OPEN HOOK

Open hook
width between
35, 50 and 75
mm

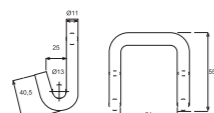


Ref.	Kg	mm	mm
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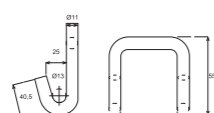
HE-736	2,000	35	10
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HE-737	5,000	50	10
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HE-738	10,000	75	10
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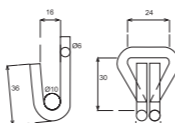
CLOSED HOOK

Closed Hook Width 25, 35, 50
and 75 mm

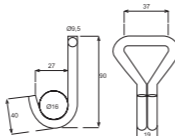


Ref.	Kg	mm	mm
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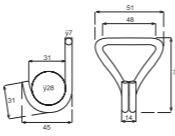
HE-613	500	25	10
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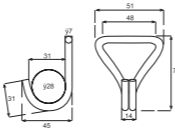
HE-614	2,000	35	10
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HE-615	5,000	50	10
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HE-616	10,000	75	10
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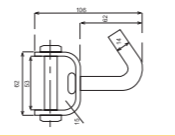
PLATFORM HOOK

Platform hook. Width 50 mm
Hook diameter 13 mm



Ref.	Kg	mm	mm
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HE-617	5,000	50	10
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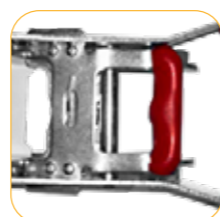
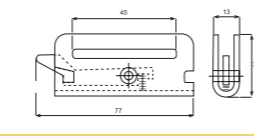
RAIL HOOK

Rail hook Width 50 mm



Ref.	Kg	mm	mm
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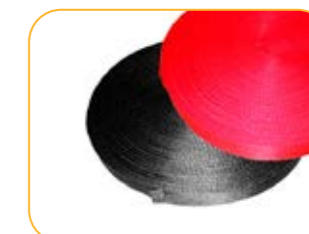
HE-727R	5,000	50	10
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INDUSTRIAL STRAPS

Cadi straps.

Ref.	Description	mm	m
CI-618	Cadi straps for belts. Red and black	20	100 m
CI-619	Cadi straps for belts. Red and black	25	100 m
CI-513	Cadi straps for belts. Red and black	30	100 m
CI-514	Cadi straps for belts. Red and black	40	100 m



High tenacity polyester tape.

Ref.	Description	mm	m
CI-929	High tenacity polyester tape. Orange	25	100 m
CI-930	High tenacity polyester tape. Orange	35	100 m
CI-931	High tenacity polyester tape. Orange	50	100 m
CI-932	High tenacity polyester tape. Yellow	75	100 m



TOWING/HAULING SYSTEMS

MAXIMUM 3,500 KG

Towing/hauling system for a maximum of 3,500 kg. Traction strap with reinforced handles in high strength polyester (PES). Includes carry bag.



Ref.	m	mm	m
SARS-3	3	50	5
SARS-4	5	50	5
SARS-5	8	50	5

MAXIMUM 4,500 KG

Towing/hauling system for a maximum of 4500 kg. Traction strap with reinforced handles in high strength polyester (PES). Includes carry bag.



Ref.	m	mm	m
SARS-9	3	60	5
SARS-10	5	60	5
SARS-11	8	60	5

MAXIMUM 6,000 KG

Towing/hauling system for a maximum of 3,500 kg. Traction strap with flat reinforcement hook, made of high strength polyester (PES). Includes carry bag.

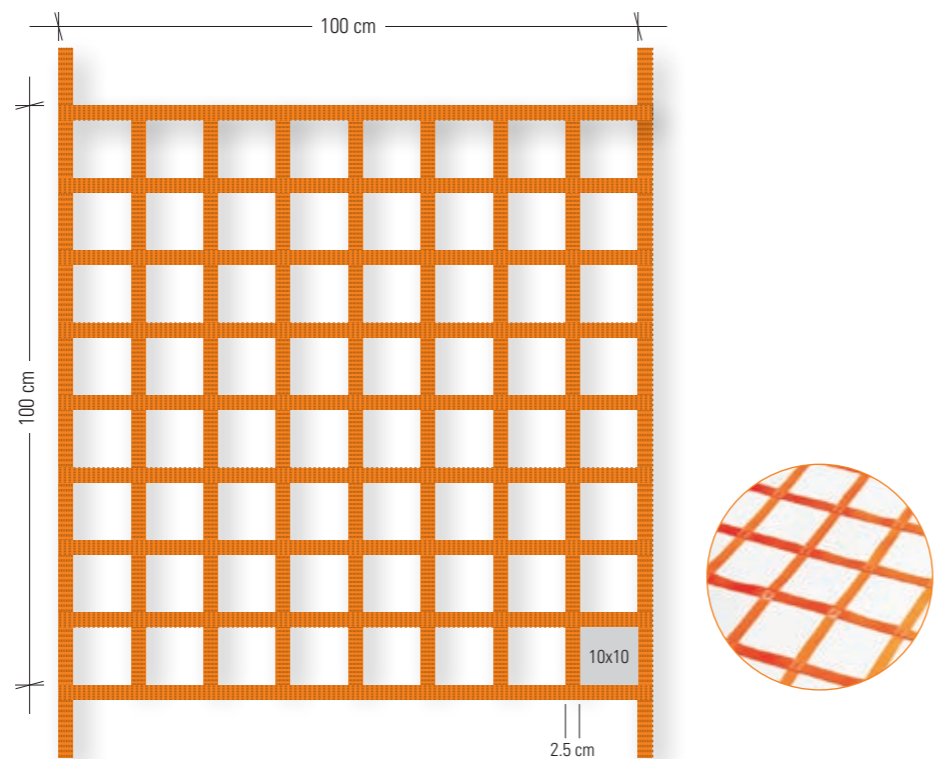


Ref.	m	mm	m
SARG-6	3	50	5
SARG-7	5	50	5
SARG-8	8	50	5



Ref.	m	mm	m
SARS-12	3	90	5
SARS-13	5	90	5
SARS-14	8	90	5

• 2.5 cm Cargo trailer tie down strap systems; 10x10 cm mesh hole. **EN 12195-2 VDI 2700 BI. 3.3**



• Load securing net made of high strength polyester, 25 mm strap (1,500 kg break). Snap buckle closures to tighten or anchor depending on placement. **EN 12195-2 VDI 2700 BI. 3.3**

• Load securing net made of high strength polyester, 25 mm strap (1,500 kg break). continuous loop ratchet closure with perimeter strap to tighten or anchor depending on placement. **EN 12195-2 VDI 2700 BI. 3.3**

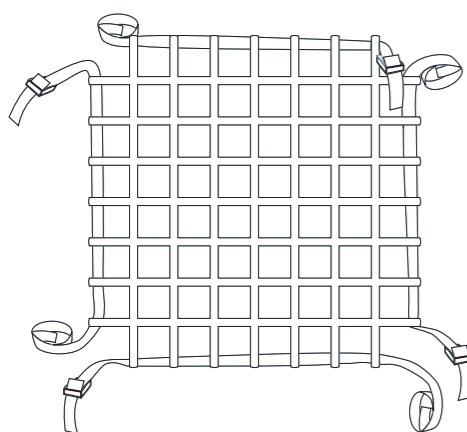
Ref.	mm	Net measurement (cm)	Adjustment strap (cm)	Closure
RED-25H1	25	100*120	60	Pressure buckle
RED-25H2	25	120*150	100	Pressure buckle

*Other sizes consult factory

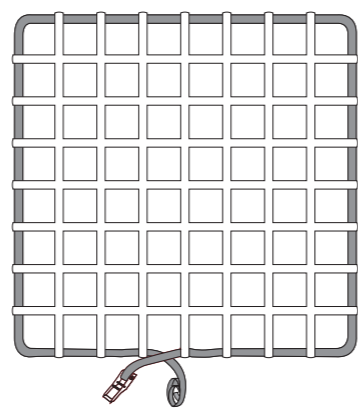
Ref.	mm	Net measurement (cm)	Continuous loop ratchet (m/length)	Closure
RED-25P1	25	100*120	6	Continuous loop ratchet
RED-25P2	25	120*150	8	Continuous loop ratchet

*Other sizes consult factory

CLOSES WITH BUCKLES

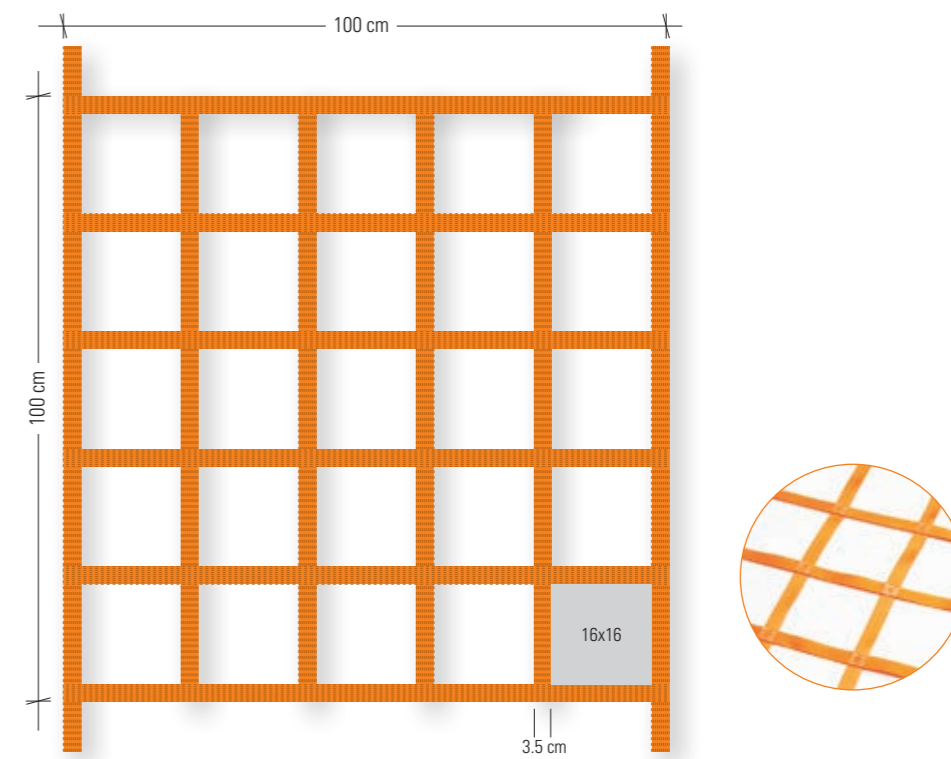


CONTINUOUS LOOP RATCHET CLOSURE



The standard models are presented in 25 mm straps with buckles, strap closure with perimeter strap and continuous loop ratchet. Cargo lashing nets can be custom made and with the combination of components that suit your needs (See page 65). Consult the factory for possible combinations.

• 3.5 cm Cargo tie-down strap system; 16x16 cm mesh hole. **EN 12195-2 VDI 2700 BI. 3.3**



• Load securing net made of high strength polyester, 35 mm strap (3,500 kg break). Snap buckle closures to tighten or anchor depending on placement. **EN 12195-2 VDI 2700 BI. 3.3**

• Load securing net made of high strength polyester, 35 mm strap (3,500 kg break). Continuous loop ratchet closure with perimeter strap to tighten or anchor depending on placement. **EN 12195-2 VDI 2700 BI. 3.3**

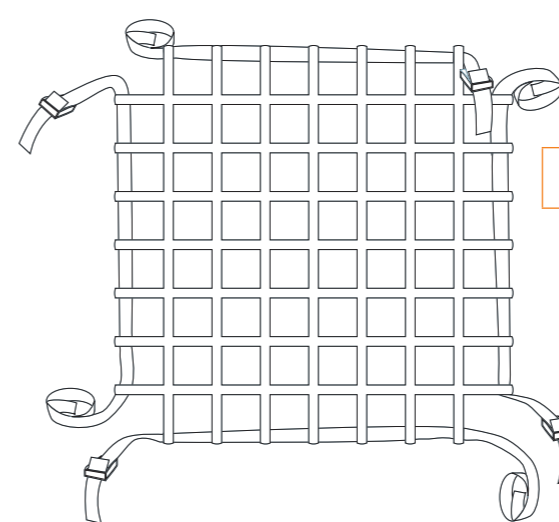
Ref.	mm	Net measurement (cm)	Adjustment strap (cm)	Closure
RED-35H1	35	150*200	100	Pressure buckle
RED-35H2	35	200*300	140	Pressure buckle

*Other sizes consult factory

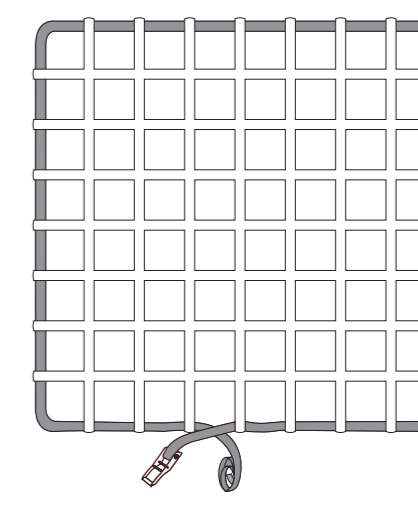
Ref.	mm	Net measurement (cm)	Continuous loop ratchet (m/length)	Closure
RED-35P1	35	150*200	10	Continuous loop ratchet
RED-35P2	35	200*300	12	Continuous loop ratchet

*Other sizes consult factory

CLOSES WITH BUCKLES

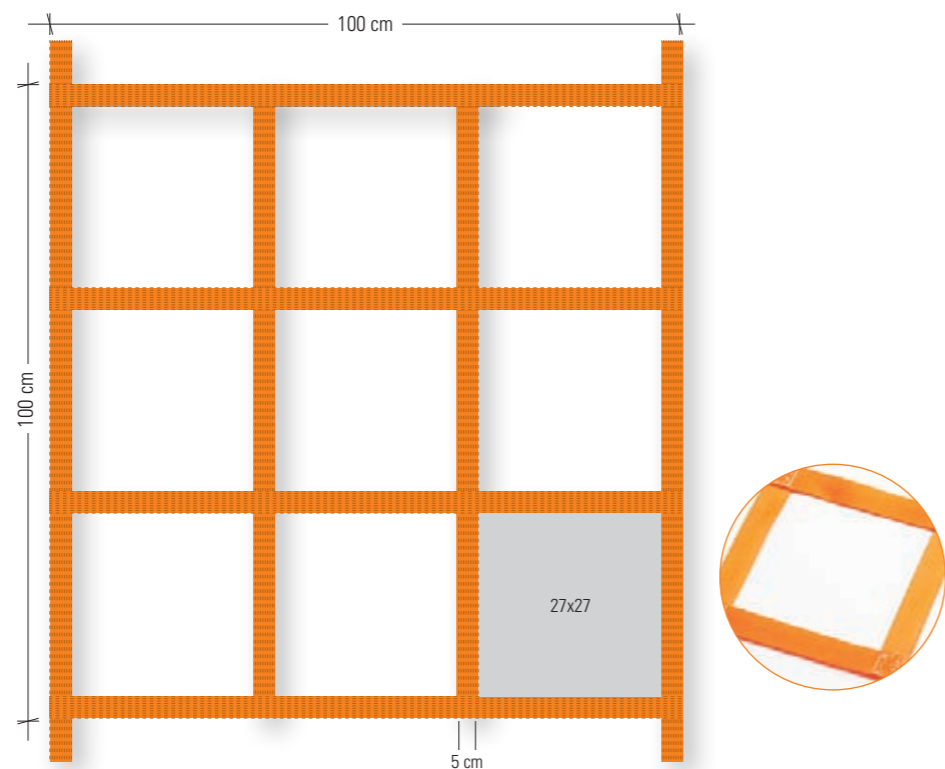


CONTINUOUS LOOP RATCHET CLOSURE



The standard models are presented in 35 mm straps with buckles, strap closure with perimeter strap and continuous loop ratchet. Cargo lashing nets can be custom made and with the combination of components that suit your needs (See page 65). Consult the factory for possible combinations.

• 5 cm Cargo tie down strap system; 27x27 cm mesh hole. **EN 12195-2 VDI 2700 BI. 3.3**



• Load securing net made of high strength polyester, 50 mm strap (7,500 kg breakage). Continuous loop ratchet closure with perimeter strap to tighten or anchor according to the place of installation (continuous loop ratchet tensioner included). **EN 12195-2 VDI 2700 BI. 3.3**

• Load securing net made of high strength polyester, 0 mm strap (7,500 kg breakage). Anchor points with perimeter metal ring to tighten or anchor depending on placement. Possibility of mounting a continuous loop ratchet tensioner/others (not included). **EN 12195-2 VDI 2700 BI. 3.3**

Ref.	mm	Net measurement (cm)	Continuous loop ratchet (m/length)	Closure
RED-502	50	200*200	10	Continuous loop ratchet
RED-503	50	200*300	12	Continuous loop ratchet

*CONTINUOUS RATCHET TENSIONER INCLUDED
*Other sizes consult factory

Ref.	mm	Net measurement (cm)	Closure
RED-502P	50	200*200	On request
RED-503P	50	200*300	On request

*CONTINUOUS RATCHET TENSIONER INCLUDED
*Other sizes consult factory



= 1

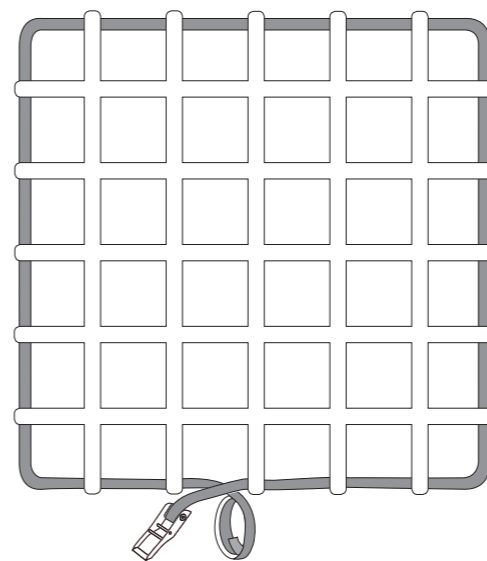


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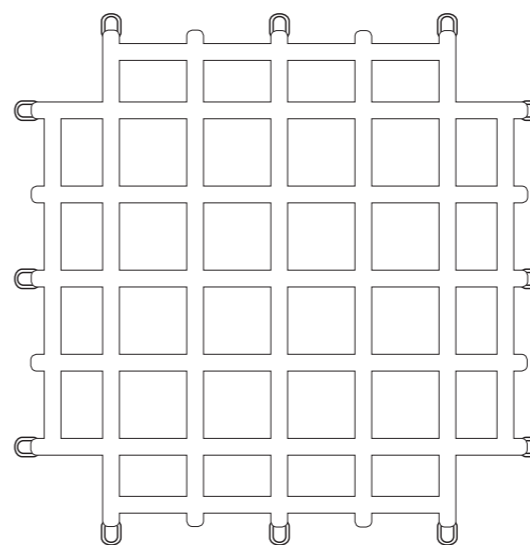


50mm web cargo lashing nets will be made to order, bespoke and with the combination of components that suit your needs. Consult the factory for possible combinations.

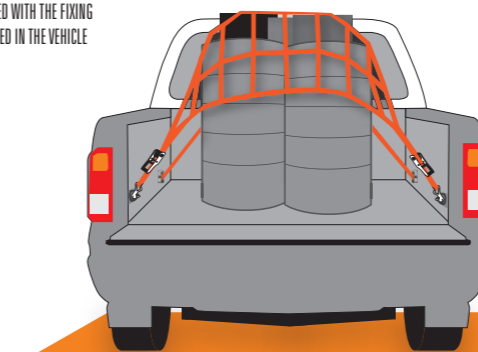
CONTINUOUS LOOP RATCHED



CARGO NET END RINGS



• REMEMBER: THE MOORING CARGO NETS CAN ONLY BE USED WITH THE FIXING EYELETS INSTALLED IN THE VEHICLE ITSELF.



The kits presented can be manufactured and combined with the carabiners and/or referenced bag. To calculate the price, add the references and apply your associate discount:

+

- Ref. HE-729
Kg CE 500
mm 25
- Ref. HE-730
Kg CE 1,000
mm 35
- Ref. HE-732
Kg CE 500
mm 25
- Ref. HE-733
Kg CE 2,000
mm 35
- Ref. HE-734
Kg CE 5,000
mm 50
- Ref. HE-613N
Laminated hook
Kg CE 1,000
mm 25
- Ref. HE-613
Kg CE 500
mm 25
- Ref. HE-614
Kg CE 2,000
mm 35
- Ref. HE-616
Kg CE 5,000
mm 50
- Ref. HE-727R
Kg CE 5,000
mm 50
- Ref. HE-617
Kg CE 5,000
mm 50
- Ref. MOS-860
Steel
18mm opening
25kN break
- Ref. AN50
enforced steel
no welding
22kN break
mm 50
- Ref. BLP-03

PRESENTATION ***OPTIONAL PRESENTATION**

LOAD LIFT EQUIPMENT

CONTROL®+ SLINGS

The slings manufactured by EUROINDUSTRIAL PTC, S.L.U. Are double layered with gauze used for lifting heavy loads of all kinds.

The slings made of 100% high strength polyester and are very light and flexible.

The polyester receives an additional surface treatment that makes it resistant to external atmospheric agents.

Identified with a blue label, according to the colour code, with the technical and mechanical characteristics, and method of use according to the CE marking.

The CONTROL®+ range of lifting products includes **FLAT AND TUBULAR**, polyester slings, all of them with a safety coefficient of 7:1.

They are manufactured with programmable robotic machines which guarantees a homogeneous and durable finish in industrial processes of large batches.

Manufactured according to CE standard: EN 1492-1.

*The standard range is presented, consult the factory for other custom models.

CONTROL®+

SLINGS



REGULATIONS AND GOOD PRACTICES WHEN LIFTING

Textile slings are flexible lifting accessories formed by a flat sewn strap or by a series of high quality strong industrial threads covered by a tubular fabric.

The European regulations governing the manufacture and distribution are EN 1492-1 for flat slings and EN 1492-2 for tubular slings. The European standards EN 1492-1 and 2 specify the fields of application and the technical characteristics of flat and tubular slings, as well as test methods and approval. This regulation is in accordance to the essential requirements of the machinery directive 2006/42/EC and its annexes, and allows the products included to carry the marking of "CE" conformity.

CMU-WLL-SWL - Definition of load capacity: defines the maximum load in vertical traction. Help shown with positioning pictograms, defining the mode coefficients to use.

The mandatory safety coefficient will be at least 7 for 100% for textile slings and 5 for slings with metal terminals. The marking (on the sewn label) of each sling must include an individual traceability code that allows at least the identification of material, accessories, manufacturing lot and controls made.

Textile strap: The material to be used will be Polyester (PES), Polypropylene (PP) or Polyamide (PA) (the CONTROL[®]+ range of slings are manufactured 100% high strength polyester. The colour of the strap identifies the load capacity in vertical traction (according to colour chart identification included in the regulations).

1 T
2 T
3 T
4 T
5 T
6 T
8 T
10 T ¹

¹ From a capacity of 10 T, the colour orange is always used.

SELECTION OF SLINGS

For the selection of slings, the following must be considered:

- Maximum load according to how the sling is intended to be used (straight lift, throttle lift, slung in basket).
- Type of load to be lifted.
- The work environment.
- Dimensions, shape (symmetrical or non-symmetrical load) and weight of the load. The selected sling must have a C.M.U. and correct length for the intended use. In case of using more than one sling to lift a load, these slings must be identical when the load is symmetrical. When the load is not symmetrical, the slings used can be of different length. Auxiliary accessories (hooks, shackles, rings, etc.) and equipment for lift used must be compatible with the slings.

In order to ensure using the correct sling, it is essential to know the number to be used simultaneously in the manipulation of a load, as well as the grip fastenings. It should be noted that using slings with metal ends avoids the gauze being crushed.

RULES OF USE

The rules for safe use of slings depend on each specific case. However, it is important that when choosing elevation tools adequate capacity is considered in relation to the job at hand.

With this in mind, for the load to be stable, two basic conditions must be met:

- The hook that supports the slings during the lifting operation must be vertical to the centre of gravity (C.G.) of the load during the entire lifting and handling manoeuvre, so that the load remains balanced and stable throughout.
- The attachment points of the slings must be above the C.G. of the load to avoid overturning when be suspended.

Sling lifting can be done by direct lifting, by sling choke, in a basket, with two, three or four branches.



TYPES OF SLINGS

Slings can be made of flat or tubular webbing.

Reusable sling: slings intended for general use lifting operations, which can be used as many times as their useful life allows.

Non-reusable lanyard (also called "single use"): sling designed for a single trip in a specific mode of use.

FLAT SLING	TUBULAR SLING
WITH LOOPS	
CONTINUOUS SLINGS	

TEXTILE SLINGS SELECTION GUIDE

Materials to handle					
Machines	<input type="checkbox"/>	Trees	<input type="checkbox"/>	Vehicles	<input type="checkbox"/>
Glass	<input type="checkbox"/>	Metal plates	<input type="checkbox"/>	Woods	<input type="checkbox"/>
Containers	<input type="checkbox"/>	Pallets	<input type="checkbox"/>	Boats	<input type="checkbox"/>
Other	<input type="checkbox"/>	Other	<input type="checkbox"/>	Other	<input type="checkbox"/>
	Direct pull	Double branch	Lacing	Angle	Leg Chain Sling
Slings with loops					
Continuous slings					
Load weight	= kg		Frequency of use	Not reusable <input type="checkbox"/>	
				Sporadic <input type="checkbox"/>	
				Continuous <input type="checkbox"/>	
Useful length	= m		Type of sling	Flat <input type="checkbox"/>	
				Tubular <input type="checkbox"/>	
Contact with chemical products:		Chemical product	Concentration	Contact time	Temperature
	°C
Working temperature of the sling: °C		Load temperature: °C		Room temperature: °C	
Sketch of manoeuvre					

SLING TAG



- 1 | Manufacturer/distributor identification (logo)
- 2 | Reference
- 3 | Length of equipment
- 4 | Load kg
- 5 | Manufacturing date (DD/MM/YY)
- 6 | Serial number
- 7 | Lot
- 8 | Applied standards
- 9 | CE marking
- 10 | Read the instructions of the equipment before use
- 11 | Manufacturer/distributor data

FLAT SLINGS

• Double band flat slings with reinforced loop. Made of high strength polyester.
CE EN 1492-1, SF 7:1



CEN colour code	Direct pull	Hanged	Inclination angle β°		
			$0^\circ < \beta < 7^\circ$	$7^\circ < \beta < 45^\circ$	$45^\circ < \beta < 60^\circ$
1 T	1,000	800	2,000	1,400	1,000
2 T	2,000	1,600	4,000	2,800	2,000
3 T	3,000	2,400	6,000	4,200	3,000
4 T	4,000	3,200	8,000	5,600	4,000
5 T	5,000	4,000	10,000	7,000	5,000
6 T	6,000	4,800	12,000	8,400	6,000
8 T	8,000	6,400	16,000	11,200	8,000
10 T ¹	10,000	8,000	20,000	14,000	10,000

T.M.U. (kg) ¹ From 10 T capacity the colour orange is always used.

1 T		Sling 1 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-321	1	30	50	
ESB1-322	2	30	40	
ESB1-323	3	30	38	
ESB1-324	4	30	30	
ESB1-325	5	30	25	
ESB1-326	6	30	20	
ESB1-328	8	30	10	

2 T		Sling 2 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-621	1	60	50	
ESB1-622	2	60	28	
ESB1-623	3	60	20	
ESB1-624	4	60	12	
ESB1-625	5	60	12	
ESB1-626	6	60	10	
ESB1-628	8	60	8	

3 T		Sling 3 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-831	1	90	25	
ESB1-832	2	90	15	
ESB1-833	3	90	12	
ESB1-834	4	90	10	
ESB1-835	5	90	9	
ESB1-836	6	90	6	
ESB1-838	8	90	5	

3 T		Sling 3 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-831G	1+G	90	5	
ESB1-8312G	1+2G	90	5	

4 T		Sling 4 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-842	2	120	10	
ESB1-843	3	120	8	
ESB1-844	4	120	6	
ESB1-845	5	120	5	
ESB1-846	6	120	5	
ESB1-848	8	120	5	
ESB1-849	10	120	2	

5 T		Sling 5 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-852	2	150	16	
ESB1-853	3	150	16	
ESB1-854	4	150	6	
ESB1-855	5	150	5	
ESB1-856	6	150	5	
ESB1-858	8	150	4	
ESB1-859	10	150	2	

6 T		Sling 6 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-863	3	180	6	
ESB1-864	4	180	5	
ESB1-865	5	180	4	
ESB1-866	6	180	3	
ESB1-868	8	180	2	
ESB1-869	10	180	2	



* Other sizes consult factory.

8 T		Sling 8 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-883	3	240	4	
ESB1-884	4	240	3	
ESB1-885	5	240	3	
ESB1-886	6	240	3	
ESB1-888	8	240	2	
ESB1-889	10	240	1	

10 T		Sling 10 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-893	3	300	3	
ESB1-894	4	300	2	
ESB1-895	5	300	2	
ESB1-896	6	300	1	
ESB1-898	8	300	1	
ESB1-899	10	300	1	

12 T		Sling 12 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-1206	06	300	1	
ESB1-1210	10	300	1	
ESB1-1215	15	300	1	

15 T		Sling 15 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-1506	6	300	1	
ESB1-1510	10	300	1	
ESB1-1515	15	300	1	

20 T		Sling 20 T		
Ref.	\downarrow m \downarrow	\uparrow mm		
ESB1-2006	6	300	1	
ESB1-2010	10	300	1	
ESB1-2015	15	300	1	

*Other sizes consult factory.



SINGLE-USE SLINGS

• Single layer single use slings. Manufacture on request only.
Recommended for loading and unloading of goods between
companies of non-returnable materials and similar.

CE UNE 40901 coef. seg. 5:1

See available options on our website - consult others



ENDLESS SLING MODEL

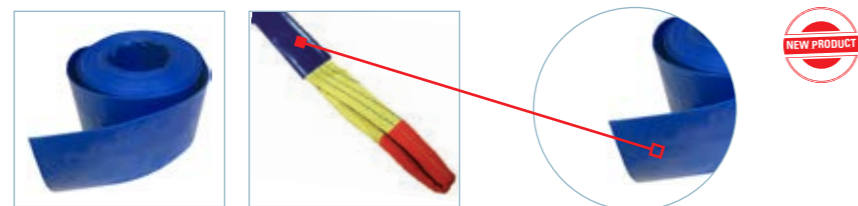


SLING WITH LOOP MODEL


SLING PROTECTOR

• Blue PVC protector for flat slings. Supplied mounted on the sling on request. *Request your personalized budget according to your needs.

CE 




TUBULAR SLINGS


• Continuous tubular slings. Made of high strength polyester. CE EN 1492-2, SF 7:1 



CEN colour code	Direct pull	Hanged	Inclination angle β°		
			$0^\circ < \beta < 7^\circ$	$7^\circ < \beta < 45^\circ$	$45^\circ < \beta < 60^\circ$
1 T	1,000	800	2,000	1,400	1,000
2 T	2,000	1,600	4,000	2,800	2,000
3 T	3,000	2,400	6,000	4,200	3,000
4 T	4,000	3,200	8,000	5,600	4,000
5 T	5,000	4,000	10,000	7,000	5,000
6 T	6,000	4,800	12,000	8,400	6,000
8 T	8,000	6,400	16,000	11,200	8,000
10 T	10,000	8,000	20,000	14,000	10,000


T.M.U. (kg)


1 T		Sling 1 T	
Ref.	↓m↓	Ø mm	
ESR-640	1	40	60
ESR-641	2	40	40
ESR-642	3	40	25
ESR-643	4	40	18
ESR-644	5	40	20
ESR-645	6	40	12
ESR-646	8	40	10


2 T		Sling 2 T	
Ref.	↓m↓	Ø mm	
ESR-647	1	50	50
ESR-648	2	50	25
ESR-649	3	50	16
ESR-650	4	50	14
ESR-651	5	50	10
ESR-652	6	50	8
ESR-653	8	50	5

3 T		Sling 3 T	
Ref.	↓m↓	Ø mm	
ESR-654	1	60	30
ESR-655	2	60	18
ESR-656	3	60	12
ESR-657	4	60	10
ESR-658	5	60	7
ESR-659	6	60	6
ESR-660	8	60	5

4 T		Sling 4 T	
Ref.	↓m↓	Ø mm	
ESR-661	1	70	25
ESR-662	2	70	13
ESR-663	3	70	10
ESR-664	4	70	6
ESR-665	5	70	5
ESR-666	6	70	5
ESR-667	8	70	3

5 T		Sling 5 T	
Ref.	↓m↓	Ø mm	
ESR-669	2	75	10
ESR-670	3	75	8
ESR-671	4	75	6
ESR-672	5	75	4
ESR-673	6	75	5
ESR-674	8	75	3

6 T		Sling 6 T	
Ref.	↓m↓	Ø mm	
ESR-676	2	80	8
ESR-677	3	80	6
ESR-678	4	80	5
ESR-679	5	80	5
ESR-680	6	80	3
ESR-681	8	80	2

8 T		Sling 8 T	
Ref.	↓m↓	Ø mm	
ESR-683	2	90	5
ESR-684	3	90	5
ESR-685	4	90	4
ESR-686	5	90	3
ESR-687	6	90	2
ESR-688	8	90	2

10 T		Sling 10 T	
Ref.	↓m↓	Ø mm	
ESR-690	2	100	5
ESR-691	3	100	4
ESR-692	4	100	2
ESR-693	5	100	2
ESR-694	6	100	2
ESR-695	8	100	1

*Other sizes consult factory.

LIFTING EQUIPMENT

CHAIN SLING PATACHO

Chain slings manufactured by EUROINDUSTRIAL PTC, S.L.U. they are used for pulling and lifting heavy loads that require one or more attachment points. They are suitable complements for use in all types of cranes and the like.

Due to the quality of the material with which all the components of our chain sling are made (80kg/mm² alloy steel), they feature high load capacity with high wear resistance, giving you a longer working life in all kinds of circumstances.

Specially designed for repetitive work, corrosive environments or work in high temperatures, as well as resistant to side impacts, shear etc.

Multi-legs slings and chain slings are supplied in **grade 80**. Safety factor 4:1.

Manufactured according to CE standard: EN 1492-1.

*The standard range is presented, consult the factory for other custom models.

CONTROL[®]+

CHAINS

CHAIN SLING

CONTROL®+ chain slings and slings are used for pulling and lifting heavy loads that require one or more attachment points. They are suitable complements for use in all types of cranes and the like. Due to the quality of the material with which all the components of our chain sling are made (80kg/mm² alloy steel), they feature high load capacity with high wear resistance, giving you a longer working life in all kinds of circumstances.

Specially designed for repetitive work, corrosive environments or work in high temperatures, as well as resistant to side impacts, shear etc. Multi-legs slings and chain slings are supplied in grade 80. Safety factor 4:1.

*The standard range is presented, consult the factory for other custom models.

Grade 80 chain lifting systems. Working Load Limit (t).

CE EN 818-2, SF 4:1

	Single leg	2 Legs		Multi-Leg slings (3-4)	
Angle relation to vertical (β)		$0^\circ < \beta \leq 45^\circ$	$45^\circ < \beta \leq 60^\circ$	$0^\circ < \beta \leq 45^\circ$	$45^\circ < \beta \leq 60^\circ$
Opposite branch angle (α) ²		Factor 1.4	Factor 1.0	Factor 2.1	Factor 1.5
Slings dimensions (mm)	Working Load Limit (WLL)				
6	1.12	1.60	1.12	2.36	1.70
7	1.50	2.12	1.50	3.15	2.24
8	2.00	2.80	2.00	4.25	3.00
10	3.15	4.25	3.15	6.70	4.75
13	5.30	7.50	5.30	11.20	8.00
16	8.00	11.20	8.00	17.00	11.80

¹ 2-branch slings: WLL must be calculated as is for 1-branch slings

² 3-branch and 4-branch slings: WLL must be calculated as is for 2-branch slings.

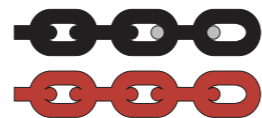
³ Not applicable to 3 branches.

⁴ Measurement units in metric tonnes (t).

GRADE 80 ACCESSORIES

According to DIN 818-2

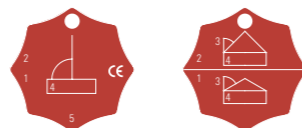
Chain



Identification tag

The technical data shown on the sheet help the user to make the correct use of the chain sling:

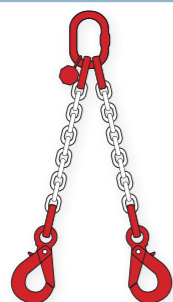
- Chain thickness
- Number of branches
- Inclination angle
- Working load limit
- Serial number



STANDARD COMPONENTS CHAIN SLING GRADE 80 (WITH SAFETY HOOK)



1 branch



2 branches



4 branches



CONTROL®+ Grade 80 chains come in a standard range with safety hook (RFA. GAS-8 or GAS-10) with end rings (RFA. ANM-x or ANT-x) joining them. Depending on your needs, you can combine the Grade 80 chain with the referenced accessories and/or hooks.



WLL 2T



WLL 2.80T



WLL 4.25T



WLL 3T



WLL 4.25T



WLL 6.70T

WLL: Working Load Limit (t)

Ref.	m	N° OF BRANCHES (1)	
		Ø mm	
CAD-421	1	8	1
CAD-422	2	8	1
CAD-423	3	8	1
CAD-424	4	8	1

PRICE PER METER CHAIN 8MM

Ref.	m	N° OF BRANCHES (2)	
		Ø mm	
CAD-425	1	8	1
CAD-426	2	8	1
CAD-427	3	8	1
CAD-428	4	8	1

PRICE PER METER CHAIN 8MM +*2

Ref.	m	N° OF BRANCHES (4)	
		Ø mm	
CAD-429	1	8	1
CAD-430	2	8	1
CAD-431	3	8	1
CAD-432	4	8	1

PRICE PER METER CHAIN 8MM +*4

Ref.	m	N° OF BRANCHES (1)	
		Ø mm	
CAD-748	1	10	1
CAD-749	2	10	1
CAD-750	3	10	1
CAD-751	4	10	1

PRICE PER METER CHAIN 10MM

Ref.	m	N° OF BRANCHES (2)	
		Ø mm	
CAD-752	1	10	1
CAD-753	2	10	1
CAD-754	3	10	1
CAD-755	4	10	1

PRICE PER METER CHAIN 10MM +*2

Ref.	m	N° OF BRANCHES (4)	
		Ø mm	
CAD-756	1	10	1
CAD-757	2	10	1
CAD-758	3	10	1
CAD-759	4	10	1

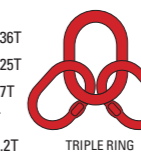
PRICE PER METER CHAIN 10MM +*4

*Other sizes consult factory.

THE CHAINS CAN BE COMBINED WITH ANY REFERENCED ACCESSORY AND/OR HOOK. (1) and (2) STANDARD RANGE COMPONENTS



Ref. ANT-2.36T
Ref. ANT-4.25T
Ref. ANT-6.7T
Ref. ANT-8T
Ref. ANT-11.2T



TRIPLE RING



MASTER RING

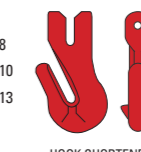
Ref. ANM-2.12T
Ref. ANM-3.15T
Ref. ANM-5.3T



CARABINER

Ref. MUD-8
Ref. MUD-10
Ref. MUD-13

Ref. GACR-8
Ref. GACR-10
Ref. GACR-13



HOOK SHORTENER



DIRECT HOOK

Ref. GA-8
Ref. GA-10
Ref. GA-13

Ref. GAS-8
Ref. GAS-10
Ref. GAS-13



SAFETY HOOK



DIRECT ACCESS SAFETY HOOK

Ref. GBS-8
Ref. GBS-10
Ref. GBS-13

Ref. GCS-8
Ref. GCS-10
Ref. GCS-13



SWIVEL SAFETY HOOK



Presentation chains: carry bag, with reference plate and model type, for easy identification.

respect packing units when ordering

CONTROL®+ Grade 80 chains come in a standard range with safety hook (RFA GAS-13) with end rings (Ref. ANM-5.3T) joining them. Depending on your needs, you can combine the Grade 80 chain with the referenced accessories and/or hooks. To calculate the price of the new combination, discount the reference of the accessory that you want to replace and add the references of the chosen combination. Finally apply its associated discount:

WLL 5T	Ø 13 N° OF BRANCHES (1)			
	Ref.	└m┘	Ø mm	
	CAD-911	1	13	1
	CAD-912	2	13	1
	CAD-913	3	13	1
	CAD-914	4	13	1

PRICE PER METER CHAIN 13MM

WLL 7,50T	Ø 13 N° OF BRANCHES (2)			
	Ref.	└m┘	Ø mm	
	CAD-921	1	13	1
	CAD-922	2	13	1
	CAD-923	3	13	1
	CAD-924	4	13	1

PRICE PER METER CHAIN 13MM +*2

WLL 11,20T	Ø 13 N° OF BRANCHES (4)			
	Ref.	└m┘	Ø mm	
	CAD-941	1	13	1
	CAD-942	2	13	1
	CAD-943	3	13	1
	CAD-944	4	13	1

PRICE PER METER CHAIN 13MM +*4

*Other sizes consult factory.

THE CHAINS CAN BE COMBINED WITH ANY REFERENCED ACCESSORY AND/OR HOOK (1) and (2) STANDARD RANGE COMPONENTS (Pag. 77)

RATCHET CHAIN TENSIONER

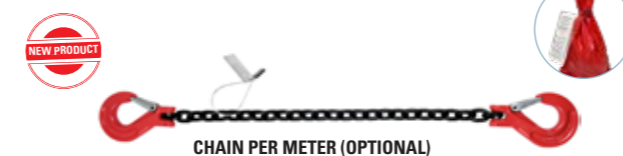
Load lashing tensioner for G-80 chain with forged steel hooks. Composed of a tensioner, a shortening hook with safety pin and 2 hooks. EN 12195-3



RATCHET CHAIN TENSIONER					
Ref.	Material	Ø Chain (mm)	Load (kg)	LC (kN)	
TCAD-4000	F. steel	8	1,65	10	2
TCAD-6300	F. steel	10	5,5	63	2
TCAD-10000	F. steel	13	8	100	2

CHAIN (OPTIONAL)

Grade 80 high strength forged steel chain for load lashing (5 meters). EN 12195-3



CHAIN PER METER (OPTIONAL)

5 meters CHAIN		
Ref.	Material	Ø Chain (mm)
CAD-8-3M2G	F. steel	8
CAD-10-3M2G	F. steel	10
CAD-13-3M2G	F. steel	13

*5 meters standard size: other sizes please consult factory.

(KIT) G-80 chain load lashing system. EN 12195-3



5-METER TENSIONER AND CHAIN KIT WITH HOOKS ON EACH SIDE

CHAIN TENSIONER KIT				
Ref.	Material	Ø Chain (mm)	LC (kN)	
TCAD4-5M	F. steel	8	4.000	1
TCAD6-5M	F. steel	10	6.300	1
TCAD10-5M	F. steel	13	10.000	1

(KIT) Load lashing system on G-80 chain, Ø13 mm, with shortening device - (length 1+2 m) EN 12195-3



TENSOR 1+2

KIT RATCHET CHAIN TENSIONER				
Ref.	Material	Ø Chain (mm)	LC (kN)	
TCAD4-1+2	F. steel	8	4.000	1
TCAD6-1+2	F. steel	10	6.300	1
TCAD10-1+2	F. steel	13	10.000	1

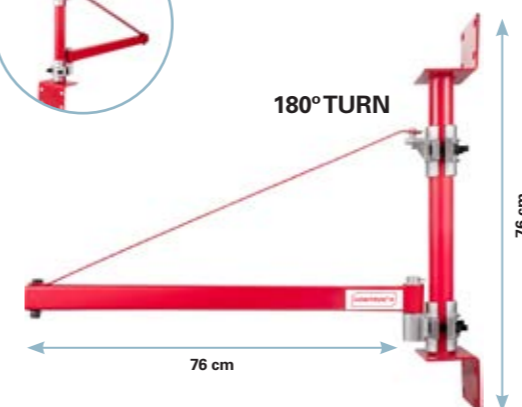
Mini portable electric hoist, with single-phase power, strong and durable structure, internal gears with high wear resistance and gear hardness; Advanced technology, electrically controlled gear adjustment. Small size, light weight and high strength. Mainly use in large workshops, warehouses, docks, wind power, logistics, construction and other industries, also can be used for heavy lifting or repairing large machines. Advantages: with emergency stop switch; reinforced braking switch with position; protection up to IP54; thermal protection device; up and down limit device; AC 220V-50Hz-1P/AC 110V-60Hz-1P motor (Voltage, frequency and phases). CE



INCORPORATED

Ref.	Load (kg)		Elevation standard (m)		Lifting speed (m/min)		Input power (kW)	
	Cable simple	Cable double	Cable simple	Cable double	Cable simple	Cable double		
PA500	250	500	12	6	10	5	1,02	1
PA1000	500	1.000	12	6	10	5	1,6	1

Swing arm for portable electric hoist. Its triangular support makes it more stable. Steel plate that gives it a solid structure with removable parts and easy assembly. It can be fixed directly on the wall by taking advantage of the stability of the triangular bracket and the thickened steel plate. 180° rotation. Suitable for workshops and general merchandise lifting. Great load capacity. CE



180° TURN

76 cm

76 cm

• Max. Load at 750 mm: 300 kg / 0.3 t.
• Max. Load at 1,150 mm: 200 kg / 0.2 t.

Ref.	Material	Length (mm)	Gross weight (kg)	
PA-BRAZO	Steel	103x140x180	8	1

Hanging electronic scale. It is composed of hanging hook, high-precision sensor and weighing board. 5 bit 1.2in high brightness digital display (40mm height). Anti-fluctuation, vibration, digital oscillation filtering, good reading stability, zeroing, sighting, locking, power saving and other functions. Low consumption, battery with autonomy of more than 100 hours, battery with discharge protection circuit. CE

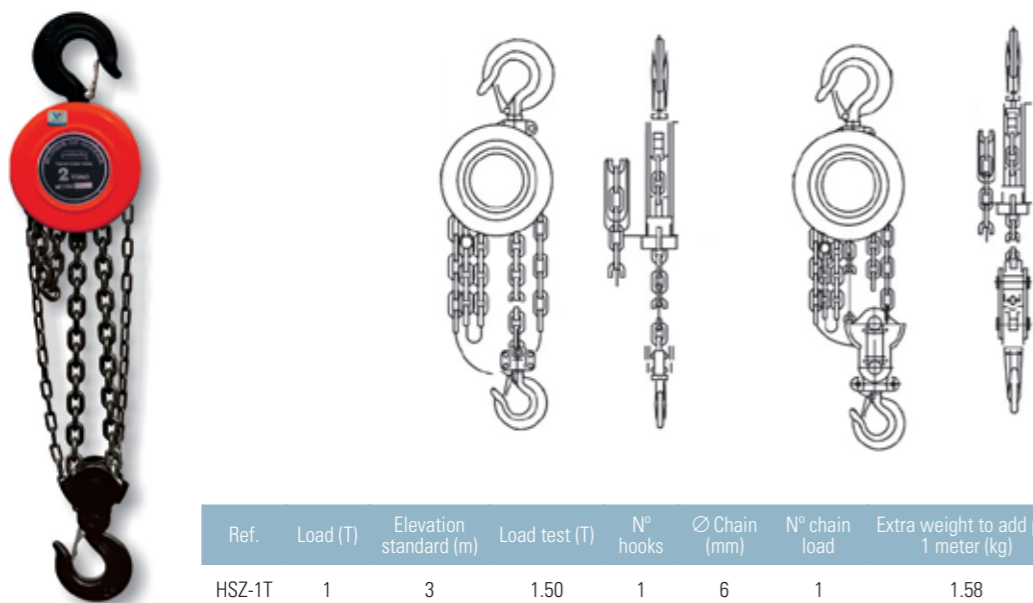


cap:3000kg

Ref.	Capacity (ton)	Total length (mm)	Net weight (kg)	
DCS-1	1	480	11,9	1
DCS-2	2	480	11,9	1
DCS-3	3	180	11,9	1

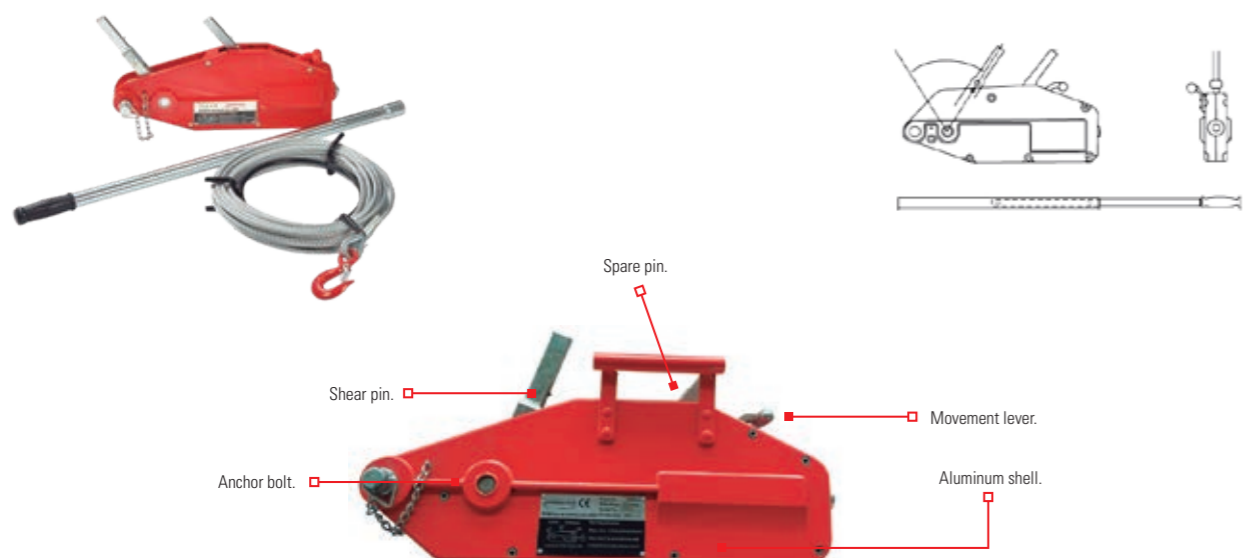
MANUAL HOISTS

Manual differential pulley made of steel. Suitable for all uses, especially for heavy work, both indoors and outdoors. Speed regulation descent with minimal effort. Hardened gears and pinions with a special treatment that ensures greater durability and reliability. Upper and lower hooks are made of forged steel and with a 360° rotation, equipped with a safety tongue, two rollers and a chain separator that ensure exact alignment of the load chain. The handwheel is covered and the chaining grooves machined, which ensures the easy use of the drive chain. Its lightness and dimensions make it easy to handle. **CE EN 13157:2004+A1:2009; EN ISO 12100:2010**



Ref.	Load (T)	Elevation standard (m)	Load test (T)	N° hooks	∅ Chain (mm)	N° chain load	Extra weight to add per 1 meter (kg)	
HSZ-1T	1	3	1.50	1	6	1	1.58	1
HSZ-2T	2	3	3.00	2	6	2	2.36	1
HSZ-3T	3	3	4.50	2	8	2	3.56	1

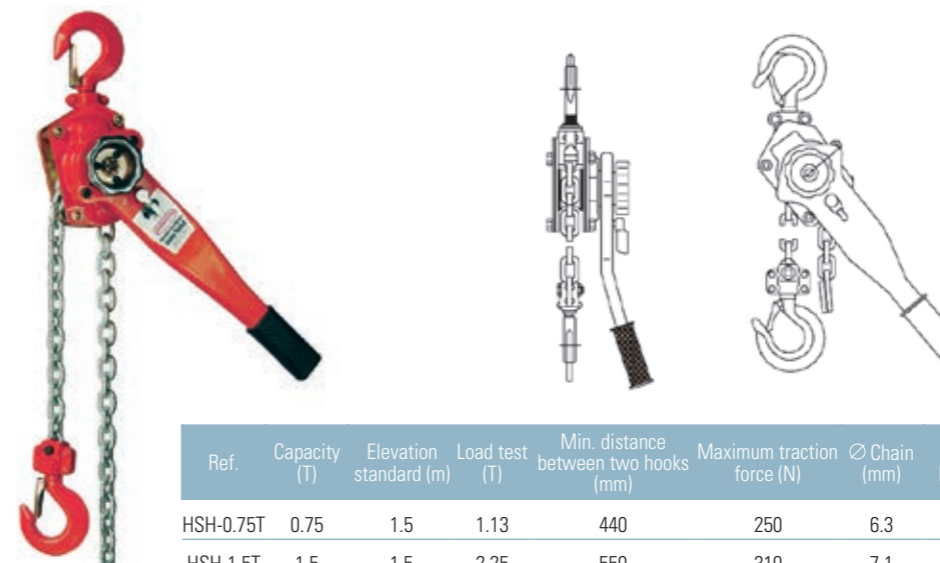
Light, compact and resistant manual cable pull hoist that can work in any position and in the harshest outdoor conditions. Its design allows insertion and removal of the cable with great ease. Casing made of steel. Levers equipped with self-closing mechanisms that allow the cable to be pulled with total safety. Easy maintenance and operation. **CE DIRECTIVE 2006/42/CE; EN 13155:2004+A1:2009**



Ref.	Capacity (kg)	Front traction force (N)	Rated advance distance (mm)	∅ Cable	Safety cable length (m)	Front handle length (mm)	
NST-1000	800	<284	52	8.3	20	825	1
NST-1600	1,600	<353	52	11	20	825	1
NST-3000	3,200	<412	55	16	20	1,200	1

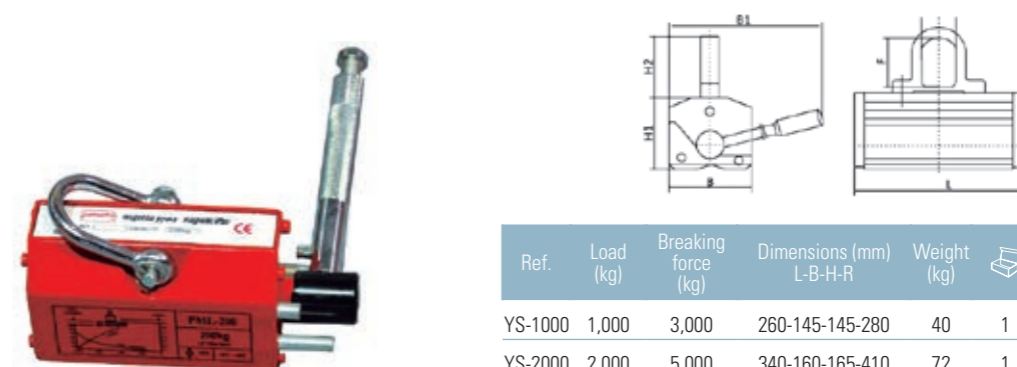
MANUAL HOISTS AND MAGNETS

Manual hoist to handle lifting and dragging loads with little effort, especially designed for work in confined spaces. Made of high quality steel. Heat and wear resistant forged steel hooks, with safety tongue and 360° rotation in any position. Mechanical brake for retention and release at any point. Hand lever covered with rubber grip. **CE EN 13157:2004+A1:2009; EN ISO 12100:2010**



Ref.	Capacity (T)	Elevation standard (m)	Load test (T)	Min. distance between two hooks (mm)	Maximum traction force (N)	∅ Chain (mm)	N° hooks	Lever length (mm)	
HSH-0.75T	0.75	1.5	1.13	440	250	6.3	1	285	1
HSH-1.5T	1.5	1.5	2.25	550	310	7.1	1	410	1
HSH-3T	3	1.5	4.50	650	410	9	2	410	1

Magnet with a 3:1 safety factor and a strong permanent magnetic circuit. Stable and durable working performance. Activation and deactivation with a simple movement of the lever. High safety factor, incorporates a lever blocking device when the load is being raised that prevents accidental deactivation. Excellent response to the thickness of the air (lifting the flat piece safely even though the air film is 0.5 mm). Light and easy to handle, suitable for carrying steel parts without leaving any type of mark and the possibility of lifting rounded parts¹. Treatment to prevent rust formation so its durability is greater. **CE EN 13155:2003+A2:2009; EN ISO 12100:2010**



Ref.	Load (kg)	Breaking force (kg)	Dimensions (mm) L-B-H-R	Weight (kg)	
YS-1000	1,000	3,000	260-145-145-280	40	1
YS-2000	2,000	5,000	340-160-165-410	72	1

¹Consult the diameters, since you can lose up to 50% of the nominal load in this case.

Universal vertical lifting clamp. **CE**



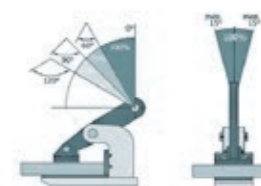
Ref.	Capacity (kg)	Opening (mm)	Load test (kg)	Weight (kg)	
CD-10	1,000	0-22	2,000	3.6	1
CD-20	2,000	0-30	4,000	6	1
CD-30	3,000	0-35	6,000	9.2	1



Universal horizontal lifting clamp. **CE**



Ref.	Capacity (kg)	Opening (mm)	Load test (kg)	Weight (kg)	
PPD-1	1,000	0-30	2,000	3.5	1
PPD-2	2,000	0-45	4,000	6.2	1



PATACHO GLOVES

With the range of gloves shown here, EUROINDUSTRIAL PTC, S.L.U. offers a medium to high range of products at very competitive prices for a constantly changing occupational health and safety market.

PATACHO gloves are developed for the most complicated and extreme jobs. They are an essential in safeguarding the worker in the working environment and from contact with the element to be manipulated.

The use of high-performance materials allows us to develop products with higher performance, resistance and durability.

PATACHO gloves are manufactured in accordance with the applicable European standards and to the best standards of comfort, ergonomics and safety.

- ISO 21420:2020 general information for marking in category II.
- EN EN 388:2016+A1: 2018 protection. Mechanical risks.
- EN 374-5:2016 chemical/bacteriological risks.
- EN 407:2020 heat risks.
- UNE EN 511:2006 cold risks.

Manufactured according to CE standard and certified according to the EU Type Regulation 2016/425.

GLOVES



WORK GLOVES

PATACHO work gloves are specially designed for maintenance work in many sectors and Applications. Manufactured in accordance with European regulations and with the best standards of comfort, ergonomics and safety.

PATACHO gloves are developed for the most extreme and complicated jobs. They are a essential in safeguarding the worker in the working environment and from contact with the element to be manipulated.

TYPES OF GLOVE

SYNTHETIC GLOVES	By design:	With support, using materials such as cotton, nylon... before coating them with synthetic material (generally latex, nitrile and polyurethane).
		Without support, inserting the glove mould directly into the synthetic material (nitrile, latex, neoprene, etc.)
	By materials:	Latex, nitrile, polyurethane gloves, etc.
LEATHER GLOVES	By design:	American type gloves, for drivers, welders...
	By materials:	Grain Leather: Using the outer part of the leather (greater comfort and dexterity). Split Leather: Using the inner part of the leather (greater resistance to abrasion).

GLOVES CATEGORIES

Work gloves, like the rest of the Equipment of Individual Protection, are classified into 3 categories:

CATEGORY I

Simple design gloves, in which the user can judge for themselves their effectiveness against minimal risks and whose effects, when they are gradual, can be perceived in time and without danger to the user: superficial mechanical damage, maintenance products whose effects are easily reversible, shocks and vibrations that do not affect vital parts etc.

- These gloves must pass EN 420, a standard which regulates the minimum requirements to be met by work gloves: dexterity, PH, chrome content, sizing, safety, etc.
- The marking that the gloves must carry under Category I, is: identification of the manufacturer or agent (logo, ID...); reference or model; size; CE marking.

CATEGORY II

Gloves designed to avoid risks of all kinds that would not lead to very serious injury or death (intermediate hazards).

- In addition to EN 420 these gloves must pass the standard that regulates the risk against which that glove is recommended.
- The marking that gloves under Category II must carry is: identification of the manufacturer or agent; risk pictogram compared to the one recommended; resistance levels; model or reference; size; information brochure pictogram; CE marking.
- Compliance with the standard must be done by a laboratory certified by the EC, issuing an EC type certificate.

CATEGORY III

Gloves intended to protect the wearer from mortal injury or that can seriously and irreversibly damage health that's not immediately apparent.

In addition to EN 420 these gloves must pass the standard that regulates the risk against which that glove is recommended.

The marking that gloves under Category III must carry is: identification of the manufacturer or representative; risk pictogram compared to the one recommended; resistance levels; model or reference; size; information brochure pictogram; CE marking plus the identification number of the Agency of notified control in charge of EC quality control at the stage of production.

- They must be certified by a certified body and the manufacturer must adopt one of the quality assurance systems CE regulated for marketing according to R.D. 1407/1992.



REGULATIONS AND APPLICATIONS

The standard defines the construction and design requirements for gloves, safety, resistance of materials to water penetration, safety (pH and Chromium VI content), comfort and efficacy, marking and information provided by the manufacturer.

The **UNE-EN 420:2010** standard is a standard reference to be used with the specific standards relating to or applicable to safety gloves. This means that this standard cannot be applied by itself to certify or self-certify protective gloves.

HAND SIZES	EN 420:2009. GENERAL REQUIREMENTS		
	HAND SIZES		GLOVE DIMENSIONS
	SIZES	Circumference mm	Length mm
6	152	160	220
7	178	171	230
8	203	182	240
9	229	192	250
10	254	204	260
11	279	215	270

<p>EN 388:2016</p> <p>Specifies the values of MECHANICAL RISK: a: Abrasion (1 to 4). b: Knife cut (1 to 5). Optional if value "e" is displayed. c: Tear (1 to 4). d: Perforation (1 to 4). e: Shear (new test, EN ISO 13997, in Newtons). (from A to F). Test optional, and obligatory in case there is blade cutting wear (b). f: Impact (P in case it is tried and passed).</p>	<p>EN 374:2016</p> <p>Establishes the requirements for gloves intended for user protection against chemicals. This standard does not establish mechanical protection requirements. All gloves are category 3. Minimum chemical resistance: Type A: 6 contaminants. Type B: 3 contaminants. Type C: 1 pollutant.</p>
<p>EN 407:2020</p> <p>Thermal risk (temperature between 50°C and 100°C). a: Inflammability. b: Heat by contact. c: Convective heat. d: Radiant heat. e: Small splashes of molten metal. f: Large masses of molten metals.</p>	<p>EN 374-5:2016</p> <p>Risk due to dangerous microorganisms (bacteria and fungi). If the virus test is passed, "virus" will be written below the logo. Protective gloves against bacteria, fungi and viruses must satisfy the penetration resistance requirement.</p>

GLOVE MARKINGS



The UNE EN-420 standard defines that each protective glove will be marked with the following information:

- Name, brand or other means of identification of the manufacturer or its authorized representative.
- Glove designation (commercial name or code that allows the user to identify the product with the range of manufacturer or its authorized representative).
- Size designation.
- When the glove complies with one or more European standards, the appropriate pictogram to the standard is shown.

- 1 | **Manufacturer/distributor identification (logo)**
- 2 | **Reference**
- 3 | **CE Marking/Category**
- 4 | **Size**
- 5 | **Symbol mechanical risk**
- 6 | **Mechanical resistance levels**
- 7 | **Consult information brochure**
- 8 | **Lot**

PATACHO GLOVES PRESENTATION

Work gloves PATACHO complete with cardboard hanger.



Disposable PATACHO gloves packaged with box with dispenser.



CHOICE OF GLOVE

To reduce, prevent illness and to protect the hands, use of protective gloves is recommended.

Among the sectors with the highest risk due to the products that are handled are the following:

Maintenance, cleaning, restoration (detergents, water and disinfectants); construction, masonry (cement, paints, organic solvents, resins); hairdressing (shampoos, dyes, bleaching...); metallurgy, mechanics (lubricants, solvents); doctors, dentists (metals, antiseptics, resins, latex natural); plastic industry (epoxy resins, polyester, PU...); agriculture, horticulture (phytosanitary products, vegetables); printers (inks, solvents).

For the proper choice of glove we must:

1º. Identify the glove that we need, analysing the job site and the task to be carried out (size of the pieces, their weight, precision work...) and the main risk according to the danger posed (electrical risk, chemical risk, thermal risk, mechanical risk...) and by choosing the appropriate level of safety needed with each risk.

Other factors to consider are the environment (interior/ outside, humidity... etc).

2º. Identify the user's size: Check your size.

The choice of size is very important not only for the users comfort, ergonomics and protection, but also for the precise execution of the work. Choosing the wrong size can lead to less accurate work (inefficiency), to a greater risk (errors...) and to a greater time of exposure to risk by taking longer to do the task.

ICON GUIDE



Industry



Electronics



Food industry



Engineering



Agriculture



Glass industry



Automotive industry



Laboratories



Chemical industry



Metal manufacture



Cleaning industry



Pharmacy



Construction



Waterproof

NITRILE

Seamless white polyester glove with gray nitrile coating on the palm. Elastic cuff. High mechanical resistance. Back without covering. Waterproof in the coated area.

Applications Automotive, mechanics, farming, logistics, construction, handling of oiled parts.

Features and benefits Nylon: synthetic fibre with high resistance to abrasion. Fast dry. Does not deform.

Nitrile: highly flexible synthetic rubber. Resistant to oils and lubricants.

Colours

CE EN 420, EN 388 Sizes 7, 8, 9 and 10

CAT. II



3 1 1 1 X



Ref.	Size	
GU-305/7	7	240
GU-305/8	8	240
GU-305/9	9	240
GU-305/10	10	240

Ref.	Size	
GU-305R/7	7	240
GU-305R/8	8	240
GU-305R/9	9	240
GU-305R/10	10	240



Ref.	Size	
GU-305N/7	7	240
GU-305N/8	8	240
GU-305N/9	9	240
GU-305N/10	10	240



POLYURETHANE

Seamless grey polyester glove with polyurethane grey coating on palm. Elastic cuff. High level of abrasion resistance. Uncoated back. Waterproof in the coated area.

Applications Automotive; mechanics; farming; Logistics; construction; food industry.

Features and benefits Nylon: synthetic fibre with high resistance to abrasion. Fast dry. Does not deform.

Polyurethane: synthetic fibre, non-breathable. Great resistance to traction and abrasion. Soft and insulated.

Colours

CE EN 420, EN 388 Sizes 7, 8, 9 and 10

CAT. II



3 1 1 1 X



Ref.	Size	
GU-370N/7	7	240
GU-370N/8	8	240
GU-370N/9	9	240
GU-370N/10	10	240

Ref.	Size	
GU-370R/7	7	240
GU-370R/8	8	240
GU-370R/9	9	240
GU-370R/10	10	240



MICROFOAM

Seamless elastic polyester knitted glove with microfoam coating. Elastic cuff. High level of wear resistance. Maximum breathability.

Applications Automotive; mechanics; farming; Logistics; construction.

Features and benefits Polyester: synthetic fibre, non-breathable. Great resistance to traction and abrasion. Soft and insulated. Microfoam: synthetic material, breathable and insulation in contact with liquids.

Colours

CE EN 420, EN 388 Sizes 7, 8, 9 and 10

CAT. II



3 1 2 1 X



Ref.	Size	
MAXIF1/7	7	240
MAXIF1/8	8	240
MAXIF1/9	9	240
MAXIF1/10	10	240

Ref.	Size	
MAXIF2/7	7	120
MAXIF2/8	8	120
MAXIF2/9	9	120
MAXIF2/10	10	120



CARDBOARD HANGER FOR PRODUCT DISPLAY - GLOVES

LATEX

Seamless white nylon glove with thick latex coating on palm. Elastic cuff. High resistance to abrasion. Cool back without cover. Great grip. Waterproof in the coated area.

Applications Gardening; components assembly; Logistics; construction; ceramics; light engineering.


Features and benefits Polyester: synthetic fibre with high resistance to abrasion. Fast dry. Does not deform.
Latex: natural rubber with a high level of comfort, elasticity and dexterity. Possible allergies.


Colours 

CE EN 420, EN 388 Sizes 6, 7, 8, 9 and 10 white; T, 8, 9, 10 red.

CAT. II   0 1 3 1 X



Ref.	Size	
GU-307R/7	7	120
GU-307R/8	8	120
GU-307R/9	9	120
GU-307R/10	10	120

Ref.	Size	
GU-307/7	7	120
GU-307/8	8	120
GU-307/9	9	120
GU-307/10	10	120



* Cardboard hanger for product display.

LOW TEMPERATURES

Double coated glove, first layer plain latex with full coating inside, second layer sandy latex on palm, which provides a good waterproofing. Double knit lining: 13 gauge nylon + 7 gauge fleece lining, super warm for winter. Very elastic and easy to use. Excellent dexterity and sensitivity to cold weather.

Applications Automotive; construction; farming; objects handling in low temperatures.


Features and benefits Waterproof latex and nylon with fleece. Without stitches, prevents irritation and friction caused by seams. Excellent protection from low temperatures.

Colours 

CE EN 420, EN 388, EN 511 Size 7, 8, 9 and 10.

CAT. II 



Ref.	Size	
GU-S3601/7	7	120
GU-S3601/8	8	120
GU-S3601/9	9	120
GU-S3601/10	10	120



COARSE NITRILE

Glove with cotton support that provides comfort and sweat absorption and full blue nitrile coating. Elastic fist. Good resistance to oils and lubricants. Waterproof.

Applications Construction; Wood Industry; industry general; handling of oiled parts; mechanized.


Features and benefits Cotton: natural fibre, very absorbent, which allows perspiration and prevents irritation.
Nitrile: highly flexible synthetic rubber. Resistant to oils and lubricants.

Colours 

CE EN 420, EN 388 Sizes 8, 9 and 10.

CAT. II   4 1 1 0 X



Ref.	Size	
GU-533/8	8	120
GU-533/9	9	120
GU-533/10	10	120



Cotton backed glove provides comfort and sweat absorbency, blue nitrile palm coating. Open back without covering. Waterproof in the coated area. Elastic cuff.

Applications Construction; Wood Industry; Industry general; handling of oiled parts; mechanized.


Features and benefits Cotton: natural fibre, very absorbent which allows perspiration and prevents irritation.
Nitrile: highly flexible synthetic rubber. Resistant to oils and lubricants.


Colours 

CE EN 420, EN 388 Sizes 8, 9 and 10.

CAT. II   4 1 2 1 X



Ref.	Size	
GU-337/8	8	120
GU-337/9	9	120
GU-337/10	10	120

Ref.	Size	
GU-337S/8	8	120
GU-337S/9	9	120
GU-337S/10	10	120



* Cardboard hanger for product display.

PVC

Thick flocked PVC glove. 35 cm long. Seamless inside to avoid possible chafing. Inside cotton for greater comfort and absorption of perspiration.

Applications Petrochemical industry; shipowners; naval industry; fishing industry; refineries.

Features and benefits PVC: waterproof synthetic polymer that provides good resistance to chemicals. Great flexibility and abrasion resistance.

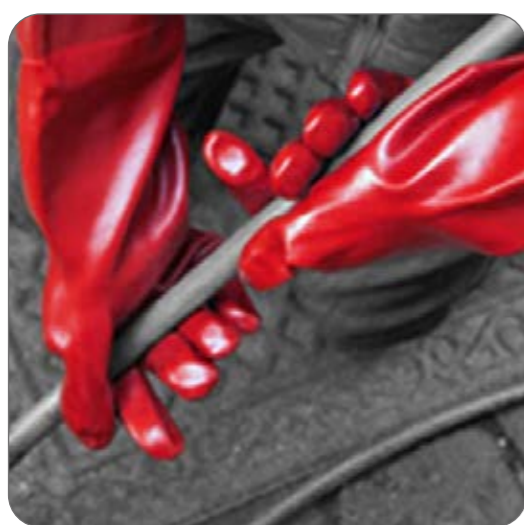
Colours ●
CE EN 420, EN 388 Size 10

CAT. II



Ref.	Size	Icon
GU-734/10 ¹	10	72

¹ Length 35 cm



ANTI CUT

Anti-cut fibre glove, maximum resistance level (Level 3D). Gray polyurethane coated. Good grip and great comfort.

Applications Glass industry; metal industry; handling of abrasive and cutting materials; metal parts.

Features and benefits Anti-cut fibre: high-density polymer, highly cut resistant 3D level resistance. Polyurethane: synthetic material with excellent elasticity and resistance to abrasion and tension.

Colours ●
CE EN 420, EN 388 Sizes 8, 9 and 10.

CAT. II



Ref.	Size	Icon
GU-390C5/8	8	120
GU-390C5/9	9	120
GU-390C5/10	10	120



* Cardboard hanger for product display.

CHEMICALS

Nitrile glove. Resistance and impermeability to detergents and low intensity chemicals. Protects against possible hand contamination.

Applications Cleaning companies; paint; gardening; chemical products.

Features and benefits Nitrile: highly flexible synthetic rubber. Resistant to oils and lubricants.

Colours ●
Certificates according to EU Type Regulation 2016/425 CE
Sizes 7, 8, 9 and 10



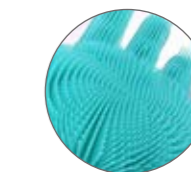
Ref.	Size	Icon
Y-800/7	7	120
Y-800/8	8	120
Y-800/9	9	120
Y-800/10	10	120

Silicone cleaning glove. Resistant to temperatures from -40°C to +160°C. Extra thick and waterproof layer.

Applications Dishwashing, kitchen, vehicle, pets, etc.

Features and benefits Silicone: high grip, resistance, impermeability. Food grade silicone, tear resistant and heat resistant.

Colours ●
CE One size.



Ref.	Size	Icon
GU-SLCN	U	10

Yellow natural latex glove. Anti-drip rolled wrist.

Applications Cleaning companies; canning and processing food; dairy industry; chemical products.

Features and benefits Latex: provides a high level of comfort, elasticity and dexterity. Cotton: natural fibre, very absorbent, which allows perspiration and prevents irritation. Cotton: natural fibre, very absorbent, which allows perspiration and prevents irritation.

Colours ●
CE Sizes 7, 8 and 9.



Ref.	Size	Icon
GDM-10/7	6-7	120
GDM-10/8	7-8	120
GDM-10/9	8-9	120



DISPOSABLE

Powder-free nitrile disposable gloves to avoid allergies. Colour blue, ambidextrous. Certified for food use. Dispenser 100 units. AQL 1.5.

Applications Logistics; printing; food industry; laboratories; veterinarian.


Features and benefits Nitrile: synthetic rubber with good resistance to oils, lubricants and products derived from petroleum.

Colours 

Certificates according to EU Type Regulation 2016/425 CE Sizes 6, 7, 8, 9 and 10.

CAT. I 



Ref.	Size	
GU-96/S	6-7	100
GU-96/M	7-8	100
GU-96/L	8-9	100
GU-96/XL	9-10	100

*Each box has 10 packs x 100 units.



Powder-free thick nitrile disposable glove to avoid allergies. Black colour, ambidextrous. Certified for food use. Dispenser of 100 units. AQL 1.5.

Applications Automotive; general industry; food industry (except acid foods); cleaning; sanitary (resistance to viruses, fungi and bacteria).


Features and benefits Nitrile: synthetic rubber with good resistance to oils, lubricants and products derived from petroleum.

Colours 

Certificates according to EU Type Regulation 2016/425 CE Sizes 7, 8, 9 and 10.

CAT. II 



Ref.	Size	
GU-96N/S	6-7	100
GU-96N/M	7-8	100
GU-96N/L	8-9	100
GU-96N/XL	9-10	100

*Each box has 10 packs x 100 units.

HIGH PROTECTION powder-free reusable nitrile industrial glove. Orange. Weight 8.5. Dispenser of 50 units. AQL 1.5.

Applications Printing; industry in general; cleaning; food handling, chemical or sanitary work; workshops; mechanics.

Features and benefits Nitrile: synthetic rubber with good resistance to oils, lubricants and products derived from petroleum.


Colours 

Certificates according to EU Type Regulation 2016/425 CE Sizes 7, 8, 9 and 10.

CAT. III 

DIAMOND PATTERN 



Ref.	Size	
GU-96AP/S	6-7	50
GU-96AP/M	7-8	50
GU-96AP/L	8-9	50
GU-96AP/XL	9-10	50

*Each box has 10 packs x 50 units.



LEATHER

Full grain leather grey driving glove. Maximum breathability and comfort. Abrasion and puncture resistant.

Applications Farming; gardening; loading and unloading; Logistics; maintenance.

Features and benefits Grain leather: external part leather. Offers some excellent mechanical and breathability properties.


Colours 

CE EN 420, EN 388 Sizes 7, 8, 9 and 10.

CAT. II 


 3 1 2 1 X



Ref.	Size	
GU-242/7	7	120
GU-242/8	8	120
GU-242/9	9	120
GU-242/10	10	120

* Presentation in packs of 12 pairs. / * Cardboard hanger.



Ref.	Size	
GU-242AM/8	8	120
GU-242AM/9	9	120
GU-242AM/10	10	120

* Supplied with cardboard hanger for presentation.



American leather glove with canvas lining. Canvas colour and grey skin. Abrasion and puncture resistant. Breathable.

Applications Farming; general industry; ironwork, boiler making; mechanical assemblies; sheet metal handling.

Features and benefits External part leather. Offers some excellent mechanical and breathability properties.


Colours 

CE EN 420, EN 388 Sizes 9 and 10.

CAT. II 

 3 1 4 3 X



Ref.	Size	
GUV-602/9	9	72
GUV-602/10	10	72

* Presentation in packs of 12 pairs. / * Cardboard hanger.

SPLIT LEATHER TOP GRADE

Grey cowhide split leather glove. Red canvas. Maximum breathability and comfort. Abrasion and puncture resistant.

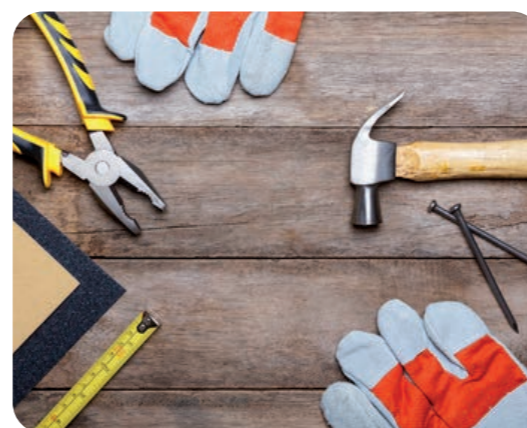
Applications Farming; general use; rebar; boiler making; mechanical building.


Features and benefits Split leather: inner part leather. Offers some excellent mechanical and breathability properties.

Colours 

CE EN 420, EN 388 Sizes 9 and 10.

CAT. II 



Ref.	Size	
GUS-600/9	9	72
GUS-600/10	10	72

* Presentation in packs of 12 pairs. / * Cardboard hanger.

Grey cowhide split leather glove. Blue split leather reinforcement on palm, thumb and index finger. Red canvas. Maximum breathability and comfort. Abrasion and puncture resistant.

Applications Farming; general use; rebar; boiler making; mechanical building.

Features and benefits Split leather: inner part leather. Offers some excellent mechanical and breathability properties.


Colours 

CE EN 420, EN 388 Sizes 9 and 10.

CAT. II 

 4 2 4 4 X






Ref.	Size	
GU-601/9	9	72
GU-601/10	10	72

* Presentation in packs of 12 pairs. / * Cardboard hanger.




SPLIT LEATHER TOP GRADE

Gray grain leather glove with suede pocket. Overall length 35 cm. Breathable. Comfortable and flexible. Abrasion and puncture resistant.

- Applications** Farming; pruning; citrus harvest.
- Features and benefits** Grain leather on the exterior. Leather: Offers excellent mechanical properties. Split leather pocket: provides protection to the forearm.
- Colours** 
- CE EN 420:2011, EN 388:2019** Sizes 7, 8, 9 and 10
- CAT. II**  







Ref.	Size	
GU-242L/7	7	72
GU-242L/8	8	72
GU-242L/9	9	72
GU-242L/10	10	72



Ref.	Size	
AST-503	14	72



Padded split leather glove for welding. Resistant to abrasion and punctures. Total length of 40 cm.



- Applications** Mounting; maintenance; ironwork, boiler making; welding.
- Features and benefits** Split leather on the exterior. Offers some excellent mechanical and breathability properties. Allows gripping of wet objects. Pocket. Split leather provides protection to the forearm. Flannel lining for added protection against high temperatures.
- Colours** 
- CE EN 420, EN 388, EN 407** Size 14
- CAT. II**   




Ref.	Size	
AST-503	14	72

FABRIC



Cotton cloth glove. Coating with PVC dots on the palm.

- Applications** Gardening; general use; maintenance.
- Features and benefits** Cotton twill: natural fibre that provides comfort and convenience. Elastic cuff. PVC dots: grip and abrasion protection.
- Colours** 
- CE** Sizes 9 and 10
- CAT. I** 




Ref.	Size	
GU-507/9	9	120
GU-507/10	10	120

Knitted glove with elastic cuff. Without stitches. Ambidextrous.

- Applications** Automotive; naval industry; fishing industry.
- Features and benefits** Cotton and polyester: protection against the cold. Elastic fist.
- Colours** 
- CE** Sizes 9 and 10.
- CAT. I** 



Ref.	Size	
GU-291/9	9	120
GU-291/10	10	120



PATACHO ACCESSORIES

With the range of accessories exhibited here, EUROINDUSTRIAL PTC, S.L.U.'s commitment to a medium/high range at very competitive prices for a market in constant demand for occupational health and safety.

Work safety does not entail a high risk of accident due to falls, but we must not neglect relevant protection. Bear in mind that our workplace health is largely at risk due to long periods of exposure to the different agents harmful external and manipulation of machines/tools etc.

Manufactured according to CE standard.

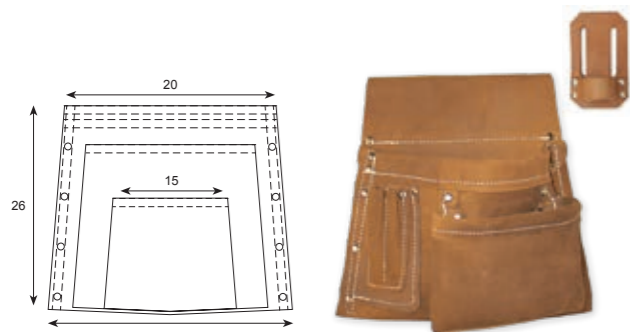
ACCESSORIES

SPLIT LEATHER POUCHES

BAG WITH HANGER:
GENERIC PRESENTATION OF
WORK BAGS

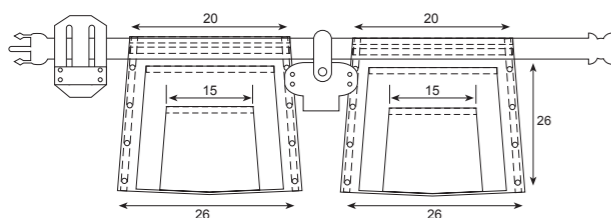


• Large capacity split leather work bags. **CE**

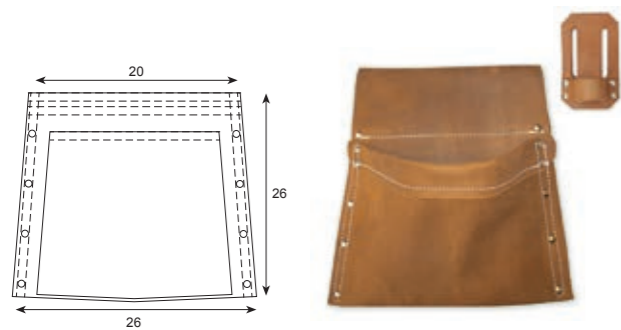


* Measurements in cm.

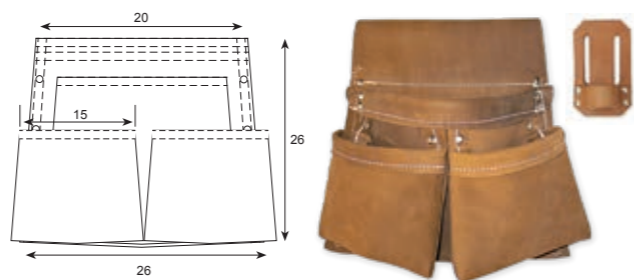
Ref.	Icon
CA-20	5



Ref.	Icon
CA-40	5



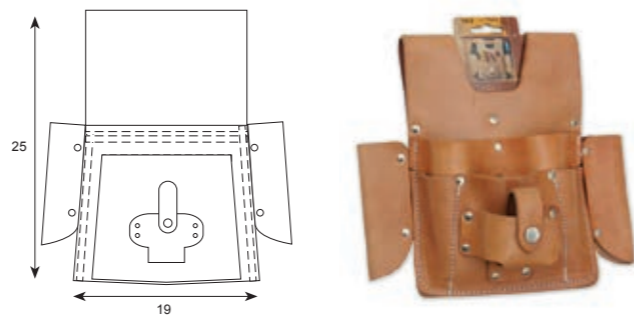
Ref.	Icon
CA-10	5



Ref.	Icon
CA-60	5

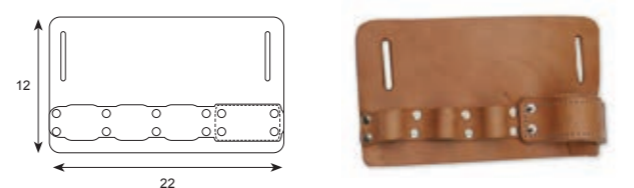
LEATHER POUCHS

• Top grade calf grain leather electricians pouch. **CE**



Ref.	Icon
CA-50	3

• Cowhide leather tool holder. **CE**



Ref.	Icon
CA-65	5

• Cowhide leather work pouch. **CE Cat. I**



Ref.	Icon
CA-70	5

DOUBLE POLYESTER POUCHS

• Electrician pouch in thick polyester. **CE**



Ref.	Icon
CA-PL20	10

• Double work pouch in thick polyester. **CE**



Ref.	Icon
CA-PL40	10

BELTS FOR POUCH TOOL HOLDERS

• Adjustable nylon pouch belt.



Ref.	W	H	L	Icon
CI-14	1,35	40	10	



• Grain leather pouch belt with anti-humidity treatment.



Ref.	W	H	L	Icon
CI-31	1.30	30	10	
CI-32	1.35	30	10	
CI-36	1.30	35	10	
CI-37	1.35	35	10	



LEATHER ACCESSORIES

• Grain leather tool holder.



Ref.	Icon
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PO-25	10
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PO-27	10
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PO-28	10
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• Grain leather meter holder.



Ref.	P.	Icon
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PO-23	3 and 5	10
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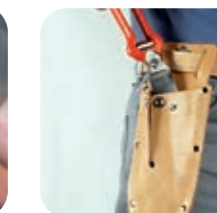
PO-24	8	10
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• Cowhide grain leather scissors holder.

Ref.	Icon
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PO-26	10
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LEATHER ACCESSORIES

- Adjustable cowhide leather wristband.

Ref. 

MU-795 10

- Key chains.

Ref. 

L-222 10



L-22 10

- Leather electrode holder. 

Ref. 

SL-794 10

POCKET KNIFE SHEATH

- Knife holder.

Ref. 

FU-270 10



FU-271 10

INSOLES

- Three-layer cut-out insole: terry cloth, antibacterial carbon and padding. Multisize 35-45.

Ref. 

PL-12 10

- Leather insole. Multisize 35-45.

Ref. 

PL-9 10

KNEEPADS

- Professional knee pads with injected gel foam. Ribbed design, ideal for intensive use.

Ref. 

DFT026 6

WORK BAGS

- Thick canvas sack-type bag with handle.

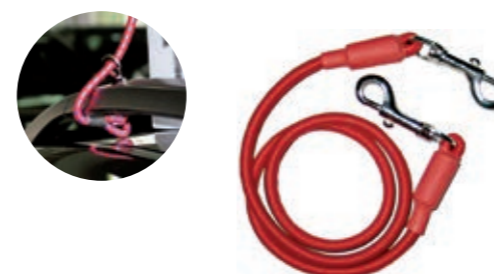
Ref. 

BLP-03 400 800 5



MOORING LINE

- Mooring line. 10mm elastic cord. Connector hook.

Ref. 

Ref.	μm	Icon
PU-799	0.5	10
PU-800	1	10
PU-801	1.5	10
PU-802	2	10
PU-803	2.5	10
PU-804	3	10

ELASTIC GIRDLES WITH INTERNAL REINFORCEMENTS (WITH STRAPS)

- Adjustable elastic band. Internal reinforcements and double Velcro closure. 

Ref. 

Ref.	μm	Size	Icon
F-E80	0.98	S	6
F-E81	1.08	M	6
F-E82	1.18	L	6
F-E83	1.28	XL	6



ELASTIC GIRDLES WITH INTERNAL REINFORCEMENTS (STRAPLESS)

- Adjustable elastic band. Internal reinforcements and double Velcro closure. 

Ref. 

Ref.	μm	Size	Icon
F-E80ST	0.98	S	6
F-E81ST	1.08	M	6
F-E82ST	1.18	L	6
F-E83ST	1.28	XL	6



HIGH VISIBILITY ELASTIC GIRDLE

- Adjustable elastic band. With four internal reinforcements and double Velcro closure. High visibility reflective straps and bands. 

Ref. 

Ref.	μm	Size	Icon
F-E80AV	0.98	S	6
F-E81AV	1.08	M	6
F-E82AV	1.18	L	6
F-E83AV	1.28	XL	6

PRESENTATION OF PRODUCTS

The requirement and commitment to quality, compliance with standards and international quality standards is the basis of work of EUROINDUSTRIAL PTC, S.L.U. We take great care in the presentation and delivery of our products. We offer various shrink-wrap solutions, bags, boxes, etc., both for transport and distribution, as well as product placement, from the place of manufacture to point of sale, following the instructions on the specific requirements requested. Furthermore, all instructions and characteristics for each product that we can customize to the specific needs of each client is included.

Here is a wide sample of our presentation/packaging products:



DISPOSABLE GLOVE BOXES

BAG WINDOW



SHRINK WRAPPING



KIT BAGS



BAG WITH SECURITY LINE



CARABINERS



ECOLINE SHRINK WRAPPING



HANGING TRANSPARENT BAG

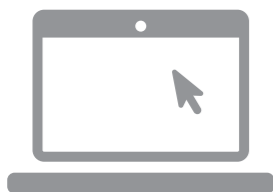
POUCHES



GLOVES BOX



LEG CHAINS



Once your order has been registered, your products will be dispatched with your standard presentation packaging, except those that have more than one option. In which case the client will choose of the packaging (shrink wrap, bag, blister, cardboard gloves, etc). Do not hesitate to contact us.



+PET'S PRODUCTS ONLY ON WEB