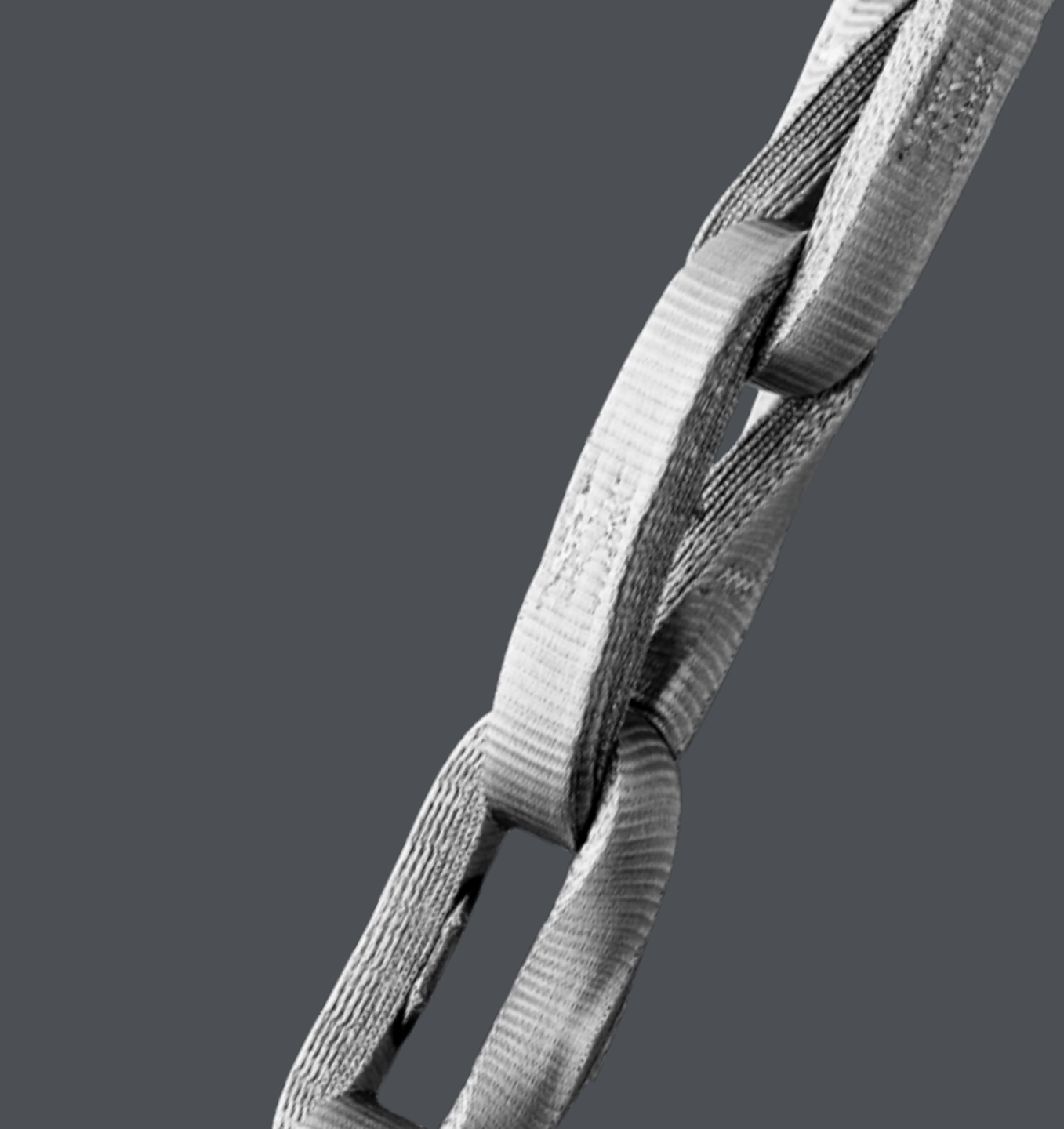


MURLINK

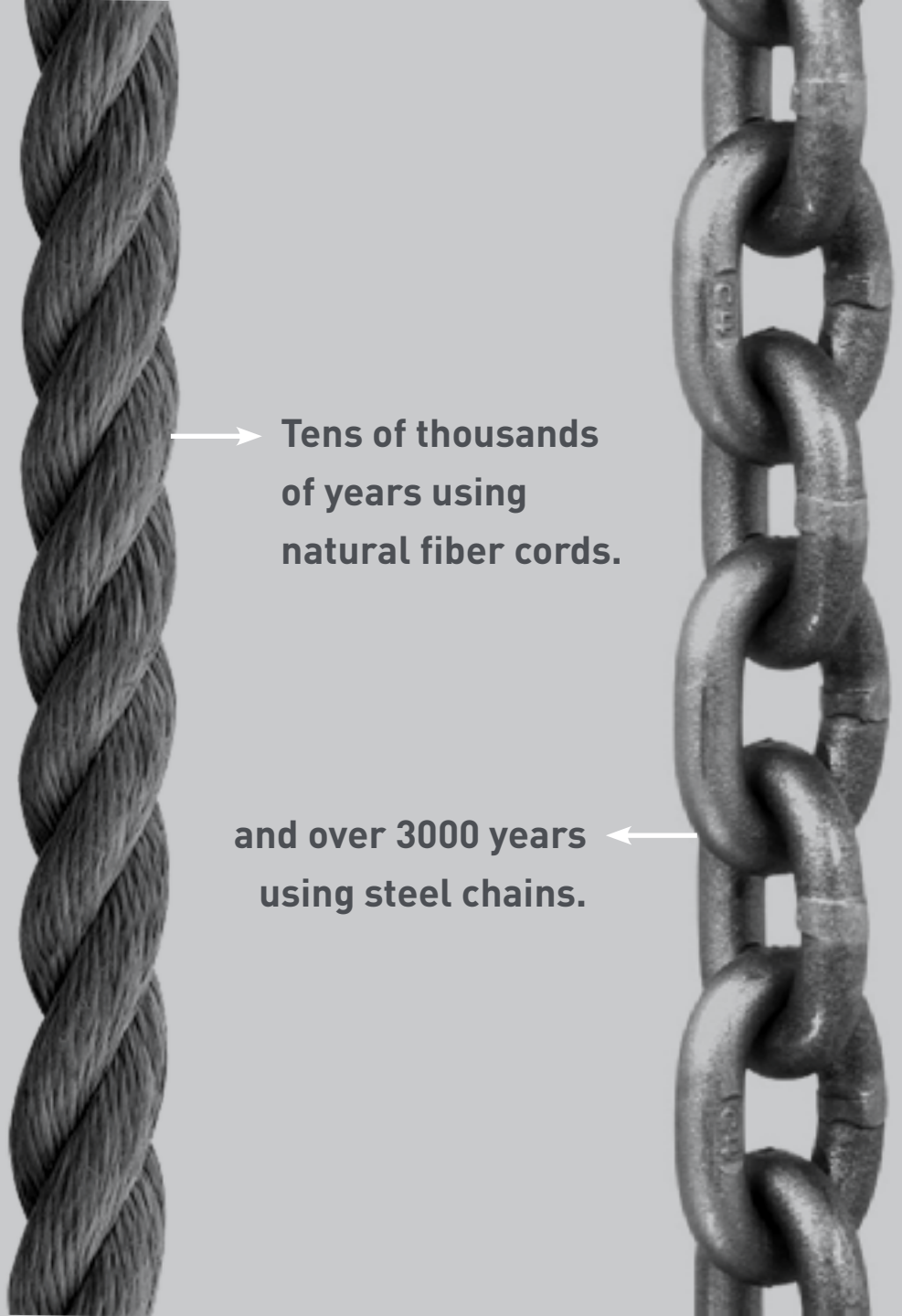
Textile chain made with Dyneema®

The strongest synthetic fiber in the world

Objective: replace steel chains due to its **multiple advantages**

Lifting and lashing systems evolution

MURLINK



Tens of thousands of years using natural fiber cords.

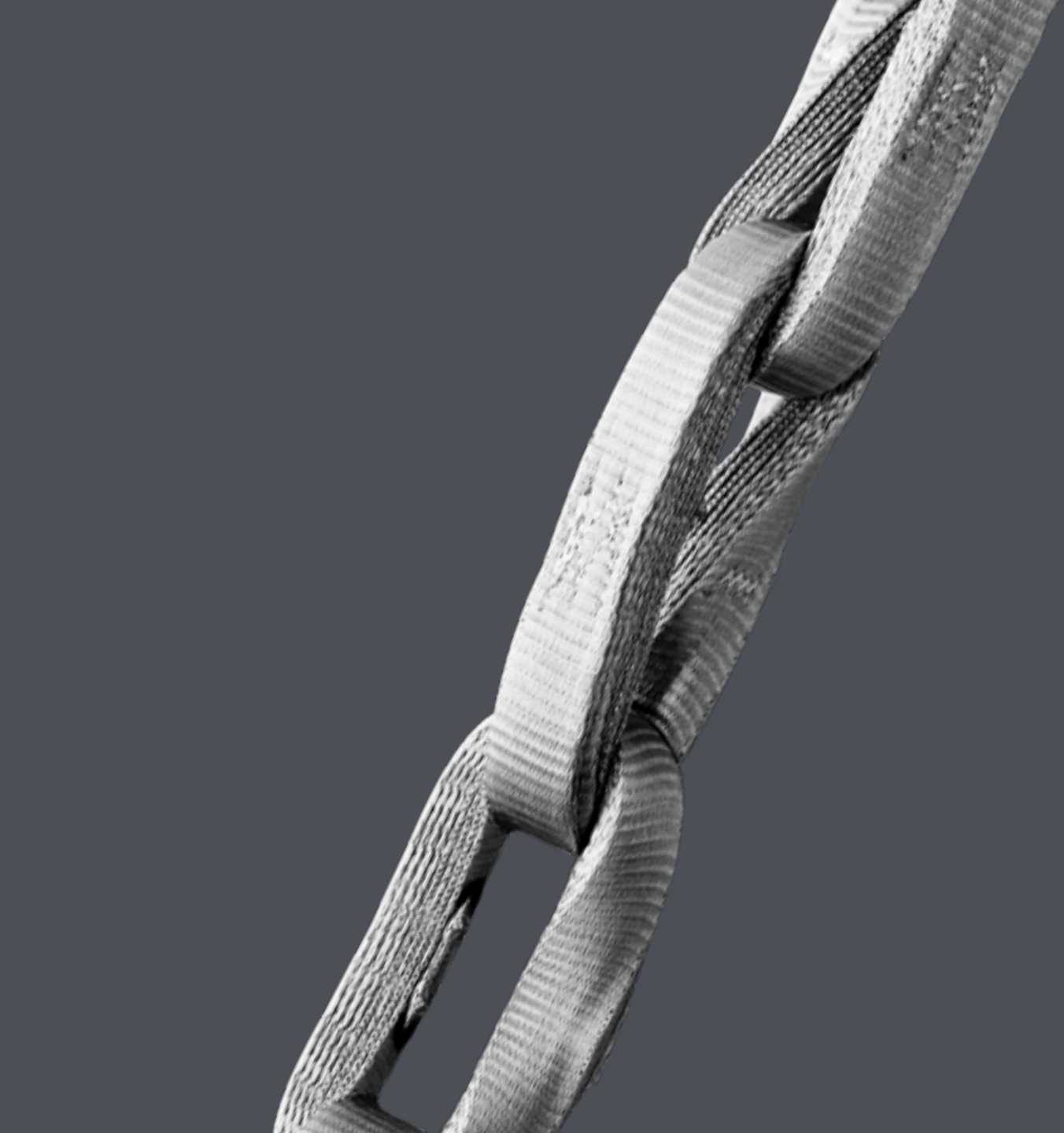
and over 3000 years using steel chains.

A more **efficient** and **safer solution**



MURLINK has developed and industrialized an automated production process of textile chains using Dyneema® fibers





Textile Chain

MURLINK

MURLINK

SAFER

Its flexibility and soft touch prevent the risk of damaging cargo





MURLINK

DURABILITY

Non-corrosive, prevents rust, anti-absorbent, UV-ray resistant, not affected by marine saline environments and avoids adhesion of marine flora and fauna



MURLINK

LIGHT

80% lighter than steel chain, optimizes the load weight and, thus, saves fuel and handling time



MURLINK

ERGONOMIC

Avoids workers injuries and repetitive physical efforts



MURLINK

EFFICIENT

Reduces up to 50% loading and unloading handling time. Easily adjustable



MURLINK

ANTI-CUT

Textile chain is
resistant to abrasion
and cuts



MURLINK

SILENT

Reduces the risk of hearing damage and noise pollution



MURLINK



FLOATS ON WATER



NON-CONDUCTIVE

Its non-conductive properties is a clear advantage on environments with electric shocks



ECOLOGICAL FOOTPRINT

More respectful of the natural environment and on its production process

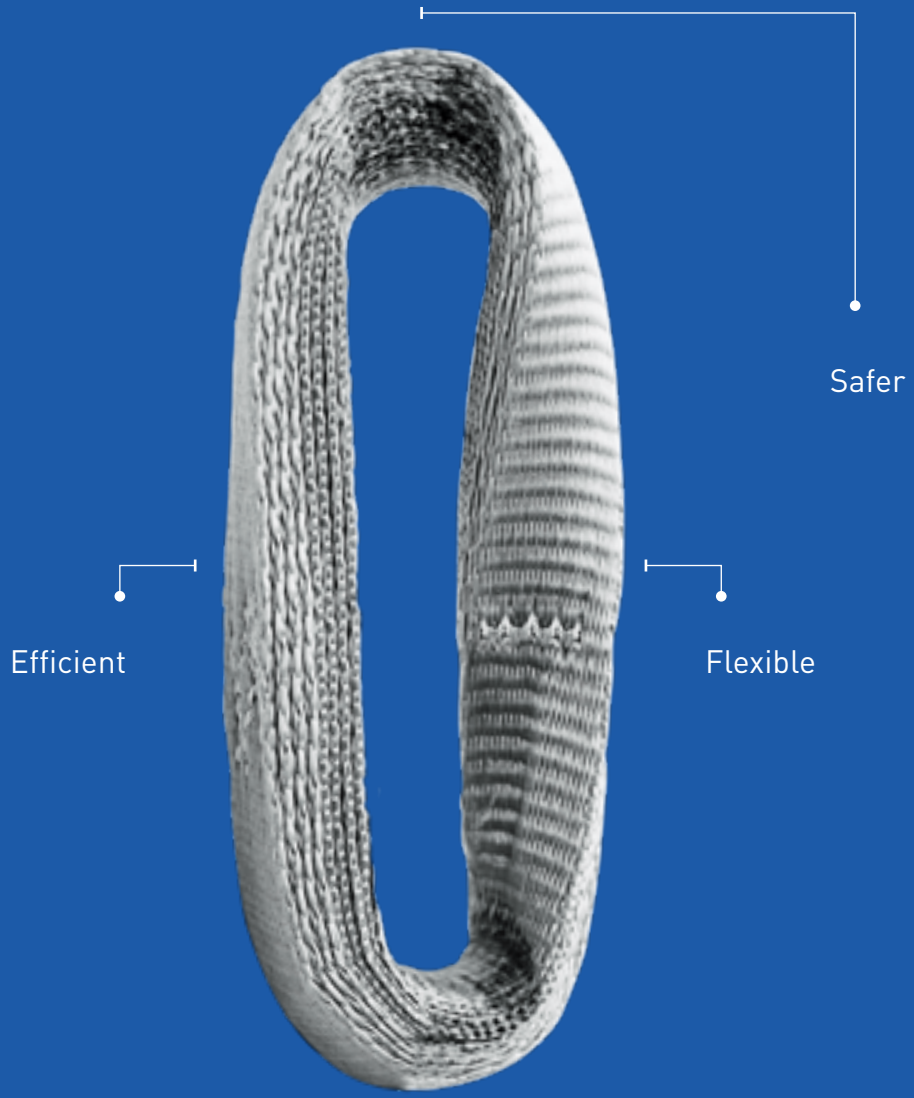
MURLINK

Lifting and lashing operations on seaports

- Port stowage
- Port storage
- Handling in customs warehouses
- Movement, manipulation, and control of merchandise
- Maritime transport FCL and LCL
- Filling and emptying containers



MURLINK



We introduce an innovative solution

It does not damage cargo and clearly safes time maximizing the efficiency on all sorts of cargo movements.
It is the best alternative to steel chains and cables.

MURLINK

Textile chain advantages on cargo lashing

- The exceptional lightness of the textile chain brings an enormous **easiness on cargo handling**. Thus, allowing the use of much longer lashing systems (i.e. 20 meters) by one single operator.
- **Protects the cargo** which is getting heavier and bulkier every day. In this way, it avoids claims and complaints.
- The textile chain offers a **longer life-time** due to its non-rusty properties and highly resistant to abrasion and cuts.
- **Much easier to shorten and to adapt** to the required length of use. The textile chain can be guided around the load in a more flexible way.

Textile chain advantages on cargo lifting

- Spectacular **ease in handling** the textile chain.
- The textile chain flexibility and softness is perfectly suited for lifting delicate loads and **to protect delicate surfaces** preventing the damage of the cargo by the lifting system.
- The **own low weight of the chain** enables to move heavier loads with the same lifting system.
- Murlink textile chain range offers the alternative to grade **80 and grade 100 steel chains from 8mm diameter to 22mm**. A one leg textile chain on straight pull can bear a WLL of 18 tones. With a four-leg sling it can reach up to 37,8 tones.

Endless applications: **Paradigm shift**





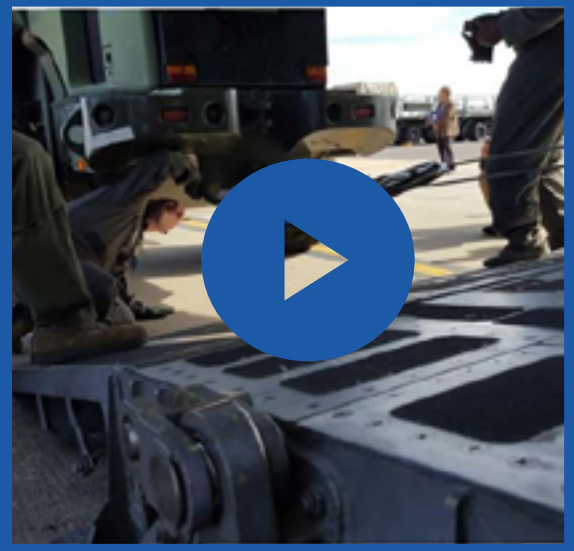


MURLINK

Success stories



ROAD TRANSPORT
LASHING



AIR TRANSPORT
LASHING



INDUSTRIAL
LIFTING

Certifications

Applus

CE



LGAI Technological Center, S.A. (APPLUS)
Campus UAB - Ronda de la Font del Carme s/n
08193 Bellaterra (Barcelona)
T +34 93 567 20 00
www.applus.com

Applus

CERTIFICATE

No. PR-1873/115

APPLUS + CERTIFIED PRODUCT

LGAI Technological Center, S.A. (APPLUS) certifies that the product:

"MURLINK" textile chains of UHMWPE Dyneema® Synthetic fibers

Of the company:

INDUSTRIAS MURTRA CADENAS, S.L.

C/ JORDI CAMP, 94
08400 GRANOLLERS (BARCELONA)

Is in compliance with the Particular Certification System:

SPC 115

And the directive:

Machinery Directive 2006/42/CE

This certificate is valid until 8th March 2022

Confirmation / Modification of the initial certificate issued on 8th March 2019

Bellaterra, 20th March 2020

Xavier Ruiz Peña
Managing Director, Product Conformity B.U.

This document is not valid without its technical annex, whose number matches that of the certificate.

You can check the validity of this certificate into our website at: https://apps.applus.com/microsites/microsites/FECIP/login

INDUSTRIAS
MURTRA CADENAS

Industrias Murtra Cadenas SL
Jordi Camp 94
08403 Granollers
Barcelona
tel + 34 938 402 400
murlink@murlink.com

www.murlink.com