



**Magnum Force
Magnum-X
XCut**

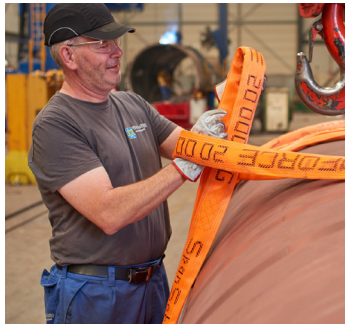
The new dimension
in lifting technology

SpanSet®



Versatile

Its compact design makes the MagnumForce extremely versatile. With a 25% reduction under load compared to conventional polyester slings, the Magnum Force roundsling is not bunched even in small crane hooks and attachment points, minimizing potential safety risks. The Magnum Force roundsling can also be laid against tighter edge radii than conventional PES slings. This increases the range of applications and significantly reduces application errors.



Compact

The innovative construction with a high performance polyester fiber and a compact protective cover partially woven with the same material make the Magnum Force roundsling up to 50% slimmer than comparable roundslings with the same load bearing capacity.

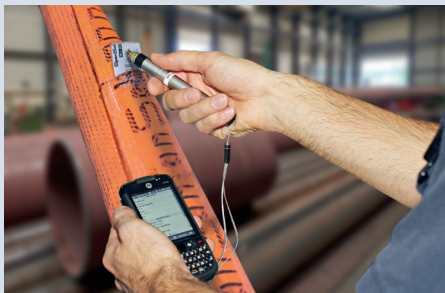
The Magnum Force roundsling is also ideal for choke lifting cylindrical objects without creasing.



Wear Resistant

The outer protective sleeve is reinforced with an abrasion and tear resistant high performance polyester (high molecular weight polyethylene (HMPE)). In addition, the special design reduces the formation of creasing at the attachment point, which significantly improves the wear behavior. Less creasing means less wear.

Coated Secutex and woven XCut protective tubes offer additional protection against sharp edges. The combinations of Magnum Force with Secutex or XCut were tested on the sharpest radii individually under load.



Identifiable

An RFID transponder sewn into the label enables the digital documentation of the tests. An easy exercise in conjunction with IDXpert NET, the associated database software from our company. Already tried and tested: the load capacity specification is woven into the protective tube so that it can be recognized even when heavily soiled.



Lightweight

The Magnum Force is 50% lighter than conventional polyester roundslings, making handling and transportation much easier. Also reducing the need for wire ropes and bulkier slings.

A special advantage in offshore use: it floats and can easily be recovered if it accidentally falls into the water.



Durable

The rib construction of the tubular casing reduces abrasion and improves the cut resistance. It will last a long time even under the toughest conditions. And that's good for the budget.

The optimal adaptation of the tubular casing and the supporting HMPE-sleeve minimizes the wrinkling and thus the wear. If the sling is damaged in anyway, we gladly repair it, which further increases the service life. Incidentally, this also conserves resources - one goal of our sustainability concept.



Reliable

Certified safety for every application: the compact format of the roundsling, the use of the high-performance fiber in the core, the extremely robust tubular sleeving, the raised load-bearing capacity and the built-in RFID transponder ensure this.

The MagnumForce can be combined with shackles of the same load capacity. We have tested this in cooperation with the BGHM (trade association wood and metal).

Image: The load capacity is clearly identifiable even from a distance in the dirtiest of conditions. Confusing the roundslings load capacity is therefore effectively avoided, protection people and material from accidents.



Compliant

In the endurance test, the MagnumForce was loaded 20,000 times up to carrying capacity, which verified the best sling construction. This means: more safety, longer service life and thus more efficiency.

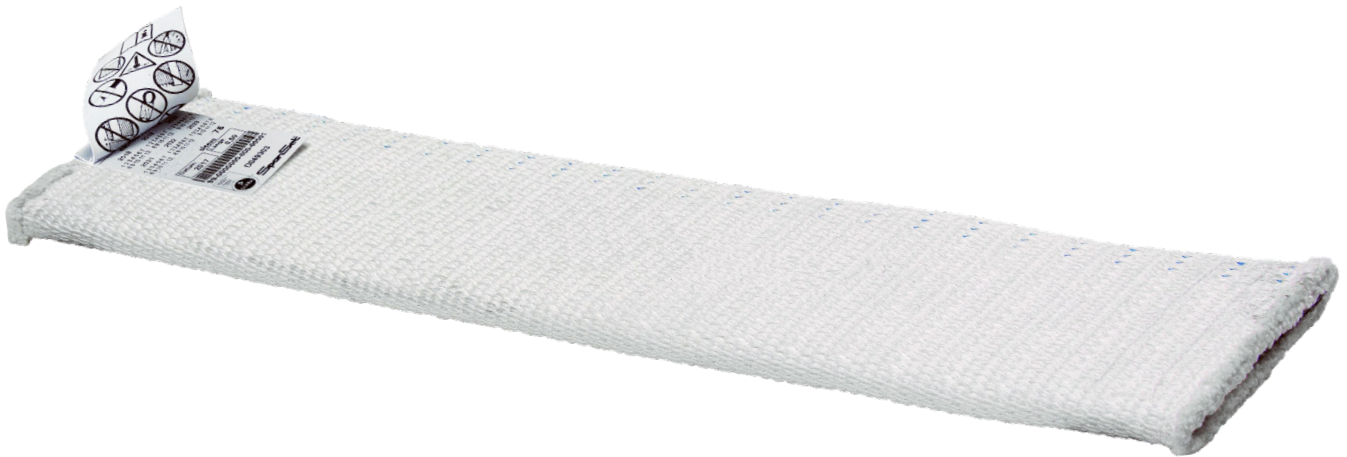
The DNV GL (Det Norske Veritas Germanischer Lloyd), one of the world's leading certification companies, has put the MagnumForce through its paces and confirmed its suitability for use.



Test gemäß ISO 1492-2- DNV GL A0535834/
VR01



LIFTING



XCut® sleeve – the flexible all-round protection

XCut® sleeve is a woven protective sleeve made from UHMPE [Ultra High Molecular Polyethylene] for lifting slings and roundslings, which offers the best protection for your textile lifting gear against cuts made by sharp edged loads.

Rotating and turning loads is also no problem for XCut® sleeve, and the special rib structure of the sleeve design makes it easier for the lifting gear to slide inside the sleeve. XCut® sleeve protects the lifting sling even when a relative cutting motion takes place, which can occur when a load is raised.

The flexible sleeve construction can also be easily positioned on the sharp edge in confined spaces. During the lifting process, the protective sleeve is placed firmly on the edge of the load, while the lifting equipment within the sleeve continues to move freely. A basic prerequisite for lifting and rotating sharp-edged steel, for example.

In order to protect the lifting sling, the XCut® sleeve may be used as follows:

NEW XCut® sleeve with center seam

Simply better and stronger! Three good reasons for using the new XCut® sleeve. The optional center seam simplifies the use of the XCut® sleeve when lifting with round slings using both legs [shown in Fig. 2].

Fitted across both legs of the roundsling, manual adjustment is not required and the two legs are bound together in such a way that the sleeve cannot be removed. Take advantage of longer service lives, additional safety and the variety of combinations with different lifting slings!

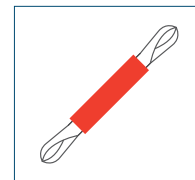


Fig. 1 Simply fitted for lifting slings

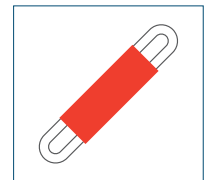


Fig. 2 Using both legs for roundslings

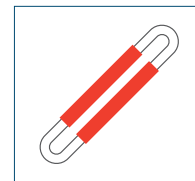
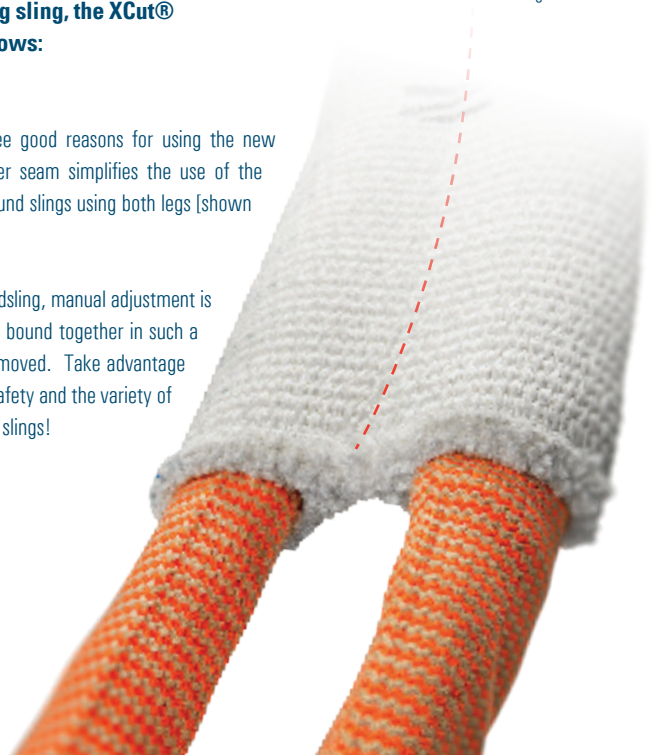


Fig. 3 Single leg, for roundslings



Fig. 4 With center seam across both legs, for roundslings





LIFTING

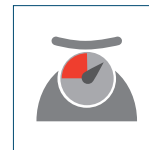
XCut® Protective sleeve

- Overview of the Benefits

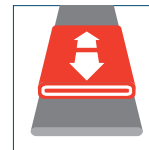
An overview of the Benefits of XCut®



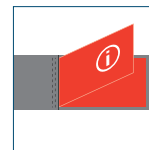
Flexible sleeve construction
The flexible fabric construction can be positioned easily and blends to the form of the edge.



Lightweight
The lightweight construction makes for simple and ergonomic handling.



Free positioning
XCut® can be freely positioned over the lifting sling and offers protection at exactly the place where the sharp edge is connected.



Label
XCut® products are marked with a label containing the handling instructions and the general product information.



Certified safety
A high level of operational safety based on defined edge radii – DEKRA certified.



Optimized process technology
Improved cut protection, simplified handling and stronger material stability increase service life and safety.

Magnum-X

Manages Heavy Loads with Ease



Always One Step Ahead.

For over 40 years, SpanSet has been at the forefront of the development of extremely high performance synthetic fiber lifting slings. With constant innovation and a consistent focus on quality, we have continuously improved our products. Our goal: to make your job lifting the heaviest loads as safe and efficient as possible.

Our latest milestone: Magnum-X. Its design makes it unique. Unlike the protective sleeve on conventional roundslings, the Magnum-X has an extremely compact outer cover. The incorporation of high performance polyester makes the outer cover extremely robust and therefore more tear and abrasion resistant than a conventional polyester protective sleeve. The fabric is also made entirely of this innovative high performance fiber. This completely new structure makes the Magnum-X much more compact, lighter and easier to handle. Also, the special structure reduces the formation of wrinkles in the sleeve cover both at the crane hook and around the load, which is effective in preventing premature wear.

Consequently, you will see a noticeable increase in work efficiency. Additionally, you will of course benefit from the SpanSet safety and quality standards, which set trends in the industry. Your safety is our driving force.

The new Magnum-X - the new dimension in lifting technology



Slimmer is better. Magnum-X on the left; the Magnum Force on the right.



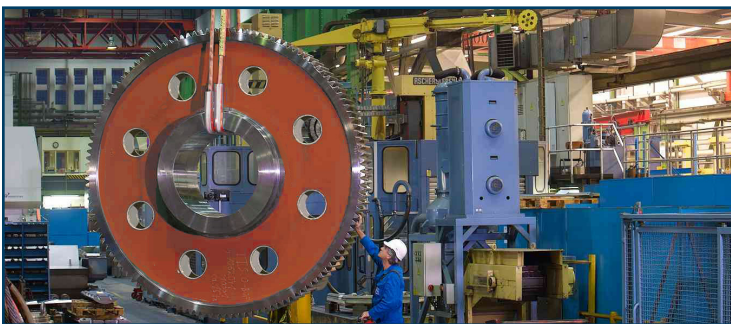
Magnum-X with secutex® clip sleeving to protect against sharp edges.



Universal sling for loads of all types: the new Magnum-X.



Magnum-X can be fitted with XCut® sleeve for added wear protection.



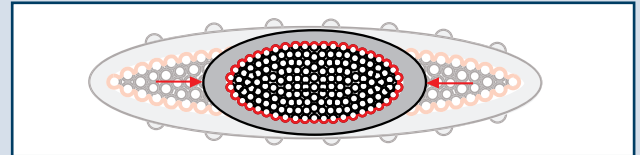
Perfect handling: Magnum-X is light and compact.

✓ X-tremely compact

The innovative construction with a high performance polyester fiber and a compact protective cover partially woven with the same material make the Magnum-X up to 50% slimmer than comparable roundslings. At the same time, it produces greater stiffness within the sling along both axis.

+ Customer benefit:

The roundsling is not bunched even in smaller crane hooks and attachment points and it is easy to suspend the sling overhead.



✓ X-tremely wear resistant

Our protective cover is reinforced with an extremely abrasion and tear resistant high performance polyester. In addition, the special design reduces the formation of bunching at the attachment point, which again significantly improves the wear behavior.

+ Customer benefit:

The Magnum-X exhibits the greatest reliability and longest durability even under the harshest operating conditions - an economic factor you can count on.



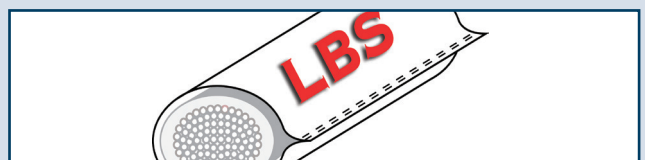
Compact outer cover with high performance polyester.

✓ X-actly identifiable

The Magnum-X has an extra sleeve with a raised, woven-in load capacity indicator- a safety feature that has proven to be a success.

+ Customer benefit:

The load capacity is clearly identifiable even from a distance and in the dirtiest conditions. Confusing the roundsling is therefore effectively avoided, protecting people and material from accidents.



Raised, woven-in load capacity indicator.

Your SpanSet Agent:

Magnum-X

The Size Comparison



Magnum Force
40,000 LBS

Magnum-X
40,000 LBS

SpanSet

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