

SpanSet®

02

Height Safety
Lifting
Load Control
Safety management

NoCut®

NoCut® sleeve

NoCut® pad

Schutzschläuche für
Anschlagmittel
▶ Belastbarkeit
▶ Tragfähigkeit
www.dekrosteigel.de



NoCut® – High-tech cut protection made of high-performance fibres for increased safety

Do you know this?

Handling of e.g. sharp-edged sheets is often improvised with an unsatisfactory solution in the end: among others, a pile of gloves or cardboard is being used as edge protection. This is an infringement of legal provisions and can result in accidents with a fatal outcome. For that reason, protect your load attachment rigging using edge protection that was specifically developed for sharp edges. Extend the service life of your load attachment rigging and increase the safety of your employees.

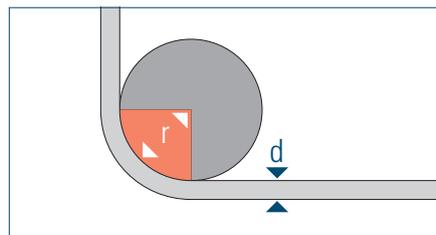
High-performance fibres find their way into sling technology.

The high HMPE (macromolecular polyethylene) cut and abrasion resistance has resulted in the development of NoCut®_{sleeve} and _{pad}. A trend in lifting! More and more frequently, high-performance fibres are being used to develop textile cut protection, hose covers and lifting tackles.

For added safety.

A special testing station was designed and built to develop NoCut® by which fabric cut resistance can be determined by testing the impact of cutting under nominal load. In the process, the protective effects of NoCut®_{sleeve} and NoCut®_{pad} were determined on differently sharp edges and certified by Dekra (German expert organisation). Defines findings ensuring that no questions remain unanswered in application.

It goes without saying that NoCut® has been adapted to the different widths of the SpanSet lifting straps and round slings. This makes NoCut® excellently suitable to protecting textile lifting tackles, such as PowerStar lifting straps and SupraPlus round slings, especially from damage through sharp edges when lifting loads.



A sharp edge is already given when edge radius 'r' is less than material thickness 'd' of the lifting tackle.

LIFTING

Cut protection

- NoCut[®]sleeve



With ease to maximum safety: NoCut[®]sleeve

Available versions:

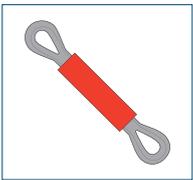


Fig. 1 for lifting straps

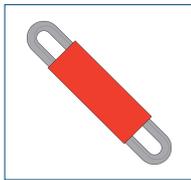


Fig. 3 for round slings
(Double strand)

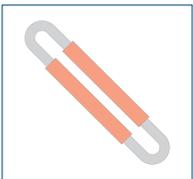


Fig. 5 for round slings
(Single strand)

NoCut[®]sleeve is a woven protective hose for lifting straps and round slings. The HMPE protective hose is simply slid over the lifting tackle and placed onto the sharp edge of the load to protect the lifting tackle. To protect the lifting tackle, the fabric-reinforced hose can be optionally used for lifting straps acc. to Figure 1 and for round slings acc. to Figure 3. Upon request, the single strands of a round sling can also be fitted with NoCut[®]sleeve acc. to Figure 5.

The hose construction with all around equal cut resistance enables high operating life simultaneously offering highest operational reliability because improper operations are excluded. The label with handling instructions and clear identification sewed to the NoCut[®]sleeve also adds to operational reliability.

NoCut[®]sleeve is constructed with a fabric rib on both sides. Cut resistance is enhanced by the outside rib construction and inside it facilitates sliding of the lifting tackle in the hose thus enabling twisting and turning sharp-edged loads.

The HMPE material allows employment of NoCut[®]sleeve in a temperature range of -40 °C up to +60 °C. NoCut[®]sleeve is delivered as prefabricated cut with trimmed ends.

The protective hoses are standard offered with lengths of 250 mm steps and widths of 45 mm up to 315 mm.

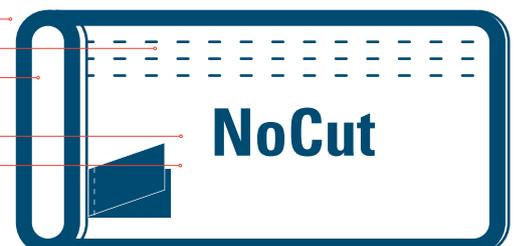
See our product homepage for further information, including important documents and video material about the NoCut[®] range:

www.spanset-nocut.de



woven protective hose
manufacturer labelling
trimmed ends

printing
label, corresponds with operating instructions



LIFTING

Cut protection

- NoCut[®]_{pad}



NoCut[®]_{pad} is the combination of NoCut[®]_{sleeve} with an internal fabric web that has fastening elements on both ends. The NoCut[®]_{pad} model range offers the user two alternatives to fasten the protective plate to the lifting tackle: hook and loop fastener **1** or 2-piece metal buckle **2** (frame or triple web).

NoCut[®]_{pad} is mounted there where the lifting tackle lies flat against the sharp edge. This means for the user: High flexibility, little materials used and high safety when handling sharp-edged loads. The size of the edge protection can be exactly dimensioned for the danger area and precisely positioned on the sharp edge. Although NoCut[®]_{pads} normally come in short lengths, there are additional attachment slings **3** for the longer variants.

NoCut[®]_{pad} is offered as 2-layer or 4-layer type. This multilayer design achieves an extremely high level of cut protection and offers the user enormous options also for critical lifting processes. Like the sleeve, the NoCut[®]_{pad} has a label that states the most important handling instructions and general product information.

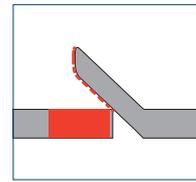
Use of the HMPE material allows the user to use the textile protective plate in temperature ranges from -40 °C up to +60 °C.

NoCut[®]_{pads} are standard produced in lengths from 500 mm on rising up to a length of 1,500 mm in 250 mm steps.

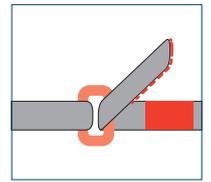
All SpanSet lifting straps and round slings can be protected against sharp edges using NoCut[®]_{pad}. Even the extremely compact Magnum-X round sling can be used with the protective plates up to a load capacity of 30 tonnes.

Very high level of cut protection: NoCut[®]_{pad}

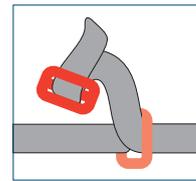
Fastening elements:



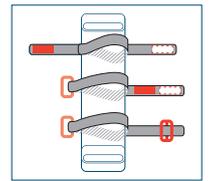
1 Hook and loop fastener



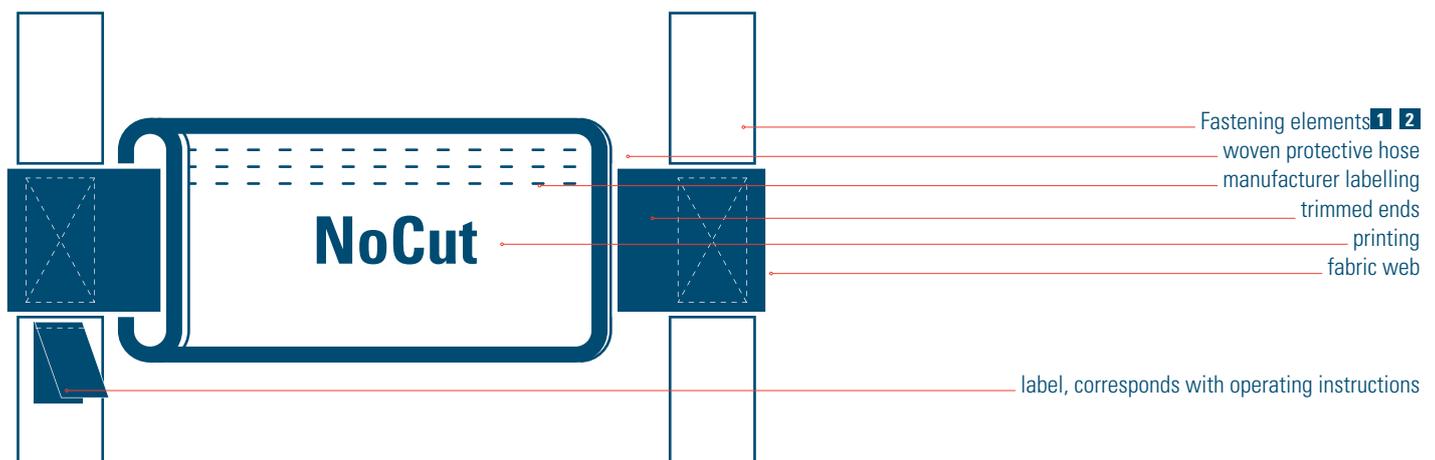
1 Hook and loop fastener with frame buckle



2 Frame buckle with triple web buckle



3 Attachment slings



LIFTING

Cut protection

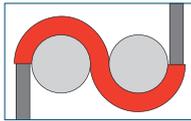
- NoCut[®] sleeve and NoCut[®] pad
Advantages and features



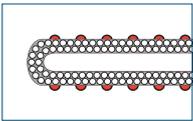
Advantages and features



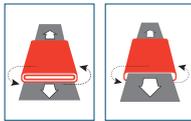
Light



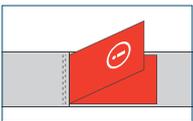
Easily bending



Rib-reinforced



Versatile



Marked



Tested

Range of services



Values in the table marked with 'x' refer to the minimum radius where NoCut[®] may still be employed. Larger radii are included by the respective identification.

Even sharper edges can be 'mastered' when accompanied by our application engineers.

Feature	NoCut [®] sleeve	NoCut [®] pad
Low dead weight	light	very light
easily bending	yes	yes
Two-sided use	yes	yes
Rib-reinforced	yes	yes
Two-sided use	yes	yes
Label identification	yes	yes
Tested and certified	yes	yes
Twisting and turning	yes	no
Usable acc. to illustration (cf. Page 4)	1, 3, 5*	1, 3 and 5
Layers	1	2, 4



* Special designs on request.

Lifting tackles	NoCut [®] sleeve			NoCut [®] pad 2-layer			NoCut [®] pad 4-layer		
SpanSet lifting straps	x			x			x		
MagnumPlus, SupraPlus, Twintex, Liftfix ≤ 20 t WLL	x			x			x		
MagnumPlus, SupraPlus, Twintex, Liftfix ≤ 30t WLL		x		x			x		
MagnumPlus, SupraPlus, Twintex, Liftfix ≤ 50t WLL				x			x		
Magnum-X ≤ 20 t WLL			x		x				x
Magnum-X ≤ 30t WLL					x				x
EK ≤ 20 t WLL				x	x		x		
EK ≤ 30t WLL						x	x		
EK ≤ 40t WLL							x		
Radius [mm]	1	2	3	1	2	3	0	1	2

Feature	NoCut [®] sleeve	NoCut [®] pad
Deployment temperature	-40 °C up to +60 °C	-40 °C up to +60 °C



LIFTING

Cut protection

- Please join with us into a dialogue.

We gladly answer your questions

Advisory service combined with technical know-how based on substantiated findings from research and development thus provides for optimal safety in a large variety of lifting processes.

Let NoCut convince you in practice. The SpanSet application engineers are gladly at your disposal for a free of charge live demonstration of NoCut® sleeve and pad, answer your questions and support you with valuable knowhow.

Please call us to make an appointment. You can find our contact data on the rear of this brochure.

Visit our product homepage for further information including important documents and video material on the NoCut® range:

www.spanset-nocut.de



