



Extreema[®] Protection



Original User Manual

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Dear customer,

Congratulations on purchasing this **Extreema® Protection** product.
With this purchase you ensure a better protection of your lifting product.

This product has some unique features such as a high cut and abrasion resistance which will result in a longer life span for round slings and or webbing slings if used correctly. Moreover it improves the safety of the lifting job at hand.
The product is highly flexible and therefore easy to use.

In this short manual we inform you of the correct use of the Extreema® Protections.

1. Norm

By using Extreema® Protections you will meet the criteria of the norm:

- C 3.6 from EN 1492-2:2000+A1:2008 for polyester round slings standard.
- D 3.7 from EN 1492-1:2000+A1:2008 for polyester webbing slings standard.

In which is stated that when using round slings or webbing slings, protections should be used at all times at both the upper and lower bearing point. So for each round sling or webbing sling, two protections should be applied.

2. Material

Extreema® Protections are made of HMPE fibers such as Dyneema®/CORDURA®.
The product is further more equipped with Velcro®.

3. Storage

Extreema® Protection sleeves are best stored in a dry and well ventilated room.



4. Application

Extreema® Protections can be used to protect all your round slings and webbing slings, as well as steel wire cables and chains where desired. The protection sleeve can be easily put around the product you want to protect.

The Velcro® ensure the fixation of the protective sleeve. Please make sure that the Extreema® Protection is positioned at the bearing point each time a round sling or webbing sling anchored.

Because the product is highly flexible it is easy to reposition the product before each lift.



The product can be used at temperatures between -50 °C to 70 °C.

The product has a high resistance against UV light, alkalis and acids.

If the product is used in an environment where it gets in contact with chemicals, **please consult the manufacturer for advice and act according to a written advice from the manufacturer**

The Extreema® Protection sleeves are available in a serie from EP-I0 to EP-I9. Table 1, 2 & 3 shows you which size to use on the product you wish to protect.

5. Replacement

The Extreema® Protection sleeve should be replaced in case of any damage, because in this case the product will have lost its full protective effect.

6. Washing

Extreema® Protection sleeves can be washed by hand or in a washing machine at a maximum temperature of 40 °C using a mild soapy detergent. After washing hang the sleeves out to dry at room temperature.



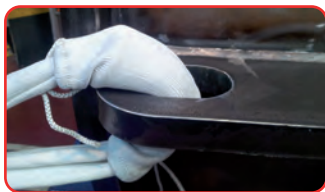
WRONG

X



RIGHT

✓



HOW TO APPLY





Utility Chart Extreema® EP-L Protection

<i>Polyester round sling</i>		
WLL (T)	single strang	double strangs
1	EP-L1	EP-L2
2	EP-L1	EP-L2
3	EP-L1	EP-L3
4	EP-L1	EP-L3
5	EP-L3	EP-L4
6	EP-L4	EP-L5
8	EP-L4	EP-L5
10	EP-L4	EP-L5
12	EP-L5	EP-L6
15	EP-L5	EP-L7
20	EP-L6	EP-L8
25	EP-L7	EP-L9
30	EP-L7	EP-L10
> 30	on request	on request



<i>Extreema® round sling</i>		
WLL (T)	single strang	double strangs
1T-5T	EP-L1	EP-L2
6T-10T	EP-L2	EP-L3
12	EP-L3	EP-L4
15	EP-L3	EP-L4
20	EP-L5	EP-L6
25	EP-L5	EP-L6
30	EP-L5	EP-L6
35	EP-L5	EP-L6
40	EP-L5	EP-L6
45	EP-L5	EP-L6
50	EP-L6	EP-L7
60	EP-L6	EP-L7
70	EP-L6	EP-L7
80	EP-L7	EP-L8
90	EP-L7	EP-L8
100	EP-L8	EP-L9
> 100	on request	on request

<i>PES webbing sling</i>	
Width	
30	EP-L1
50	EP-L2
60	EP-L2
75	EP-L4
90	EP-L5
120	EP-L6
150	EP-L7
180	EP-L8
240	EP-L11
300	EP-L13

EP-L Extreema protections are manufactured from 100% Dyneema®. Dyneema is well known for it's high cut resistance.

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Utility Chart Extreema® EP-XL Protection

Article code	Width (mm)	width of webbing- 2-layer (mm)	PES Roundsling 2-legs WLL (T)	Extreema® Roundsling 2-legs WLL (T)
EP -XL80	80	30-60	1T > 4T	1 > 8T
EP-XL110	110	90	5T > 8T	10 > 12T
EP-XL130	130	120	10T > 12T	15T > 20T
EP-XL160	160	150	15T > 20T	25T > 40T
EP-XL190	190	180	25T	45T > 55T
EP-XL230	230	200	30T	60T > 70T
EP-XL260	260	240	40T > 45T	75T > 80T
EP-XL290	290		50T > 60T	85T > 95T
EP-XL310	310	300	70T > 80T	100T > 110T



**Single thickness 3 mm.
Double thickness 6 mm.**



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Utility Chart Extreema® EP-XXL Protection

Article code	Width (mm)	width of webbing- 2-layer (mm)	PES Roundsling 2-legs WLL (T)	Extreema® Roundsling 2-legs WLL (T)
EP -XXL85	80	30-60	1T > 4T	1 > 8T
EP-XXL115	110	90	5T > 8T	10 > 12T
EP-XXL135	130	120	10T > 12T	15T > 20T
EP-XXL160	160	150	15T > 20T	25T > 40T
EP-XXL190	190	180	25T	45T > 55T
EP-XXL230	230	200	30T	60T > 70T
EP-XXL260	260	240	40T > 45T	75T > 80T
EP-XXL290	290		50T > 60T	85T > 95T

Single thickness 6 mm.
Double thickness 12 mm.



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Utility Chart Extreema® EP-C Protection

Polyester round sling		
WLL (T)	single strang	double strangs
1	EP-C 1	EP-C 2
2	EP-C 1	EP-C 2
3	EP-C 1	EP-C 3
4	EP-C 1	EP-C 3
5	EP-C 3	EP-C 4
6	EP-C 4	EP-C 5
8	EP-C 4	EP-C 5
10	EP-C 4	EP-C 5
12	EP-C 5	EP-C 6
15	EP-C 5	EP-C 7
20	EP-C 6	EP-C 8
25	EP-C 7	EP-C 9
30	EP-C 7	EP-C 10
> 30	on request	on request

Extreema® round sling		
WLL (T)	single strang	double strangs
1T-5T	EP-C 1	EP-C 2
6T-10T	EP-C 2	EP-C 3
12	EP-C 3	EP-C 4
15	EP-C 3	EP-C 4
20	EP-C 5	EP-C 6
25	EP-C 5	EP-C 6
30	EP-C 5	EP-C 6
35	EP-C 5	EP-C 6
40	EP-C 5	EP-C 6
45	EP-C 5	EP-C 6
50	EP-C 6	EP-C 7
60	EP-C 6	EP-C 7
70	EP-C 6	EP-C 7
80	EP-C 7	EP-C 8
90	EP-C 7	EP-C 8
100	EP-C 8	EP-C 9
> 100	on request	on request

PES webbing sling	
Width	
30	EP-C 1
50	EP-C 2
60	EP-C 2
75	EP-C 4
90	EP-C 5
120	EP-C 6
150	EP-C 7
180	EP-C 8
240	EP-C 11
300	EP-C 13

EP-C Extreema® protections are manufactured from 100% Cordura®. Cordura is well known for it's high abrasion & heat resistance. Excellent protection on smooth surfaces.



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Application Photos



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Contact Us



Liftex Corportion

780 Falcon Circle #105

Warminster PA 18974

1-800-290-2900

1-215-957-0810

1-215-957-9180 (fax)

www.liftex.com

sales@liftex.com

*HOUSTON | CHICAGO
GREENVILLE | SEATTLE
PHILADELPHIA*

Liftex Mexico

Av Tezozomoc 94

San Miguel Amantla

02700 Ciudad de Mexico

CDMX Mexico

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