

EXTREEMA® Roundslings

Product information



Unlike braided fibre ropes, the construction of an EXTREEMA® roundslings is based on parallel laid fiber technology that make up the core.

The core of an EXTREEMA® roundslings is always made of 100% high performance fibers, such as Dyneema® or general HMPE. This makes the slings up to 15 times stronger than steel on a weight for weight basis. Comparison between equal slings in HMPE/Dyneema® and wire rope sling will give you a weight reduction up to 80% compared to wire rope.

These roundslings are now produced bio-based with Dyneema® fibers.

A jacket, sleeve or cover mainly serves to keep the core yarn strands together. It is important to consider the circumstances of the lifting job in choosing the right sleeve for your sling. The right cover protects the core material from getting damaged in an early stage but in addition appropriate supplementary protections (on the bearing points, sharp objects etc.)

Dyneema® advantages:

- The slings are light weight and easy to handle which makes them extremely ergonomic for heavy lifting.
- Less than 1% stretch at WLL, therefor suitable for calculated lifts.
- Small diameter due to stronger material than regular polyester roundslings.
- D:d down to 1:1 for roundslings up to 150T, above this D:d=1:1,5
- Resistant against chemicals, but do always inform us if chemicals are involved
- Does not absorb water, Extreema® slings float on water
- Longer life cycle compared to polyester slings
- No rust or corrosion like on steel wire ropes

Material: 100% Dyneema® or general HMPE

Marking: According to standard, CE-marked

Temperature range: -50°C up to +70°C






Standard: EN 1492-2

except material

Safety factor: 7:1

Part Code	WLL ton	Total price
12.20EXL0300XXX	30	N/A
12.20EXL0400XXX	40	N/A
12.20EXL0500XXX	50	N/A
12.20EXL0750XXX	75	N/A
12.20EXL1000XXX	100	N/A
12.20EXL1250XXX	125	N/A
12.20EXL1500XXX	150	N/A
12.20EXL2000XXX	200	N/A

Technical data

Working load limit (WLL) in tons				
				
Straight pull	Choke hitch		Basket hitch	
		0°	0°-45°	45°-60°
1	0,8	2	1,4	1
2	1,6	4	2,8	2
3	2,4	6	4,2	3
4	3,2	8	5,6	4
5	4	10	7	5
6	4,8	12	8,4	6
8	6,4	16	11,2	8
10	8	20	14	10
15	12	30	21	15
20	16	40	28	20
25	20	50	35	25
30	24	60	42	30
40	32	80	56	40
50	40	100	70	50
60	48	120	84	60
80	64	160	112	80
100	80	200	140	100

|Available with an MBL up to 4000T (WLL=500T SF5) and lengths up to 65m.

