

Hemp

Hemp is a natural rope.

Langmantouw Hemp is produced of a high quality raw material. Hemp doesn't burn the skin, is environmental friendly, good degradable and fire retardant. It has a light brown colour and a soft feeling.



General information

Hemp rope was frequently used in the shipping industry.

Nowadays it is still used in the aquatic sports for rigging traditional ships. For example the VOC-replica "Duyfken", which was built in Australia was rigged with Langmantouw hemp. The Duyfken has sailed 18.200 miles over the oceans from Australia to the Netherlands. Nowadays hemp is used as climbing ropes, swinging rope, banister rope, bell-rope, whipping twine, skirting-board rope and hockey ring. As it has a natural look it is very suitable for decoration. In theatres it is used behind the side-scenes.

Shock load	Good
Handiness	Good
Durability	Excellent
Rot proof	Bad
UV-resistance	Excellent
Resistance to acids	Bad
Alkali resistance	Reasonable
Abrasion resistance	Good
How to storage	Dry
Buoyancy	Sinks
Melting point	doesn't apply here
Fire retardant	Yes

Standard supply possibilities:

<i>Construction</i>	<i>Diameter</i>
3-strand twisted	4mm up till 40mm
4-strand twisted	8mm up till 40mm
6-strand twisted	28mm, 33mm, 36mm and 38mm
8-strand braided	33mm
8 plait	4mm up till 5mm
16 braid cover	6mm up till 16mm

Hemp



3-strand twisted

<i>Diameter</i>	<i>Approx. weight in kg per buying unit</i>	<i>Breaking load in kg.</i>	<i>Buying unit</i>	<i>Article number</i>
4 mm	1,5	130	reel 100 meter	S.05.03.03.04
6 mm	7,5	285	coil 300 meter	S.04.03.00.06
8 mm	11,0	510	coil 220 meter	S.04.03.00.08
10 mm	16,5	795	coil 220 meter	S.04.03.00.10
12 mm	25,0	1.185	coil 220 meter	S.04.03.00.12
14 mm	33,0	1.510	coil 220 meter	S.04.03.00.14
16 mm	44,0	1.995	coil 220 meter	S.04.03.00.16
18 mm	53,0	2.470	coil 220 meter	S.04.03.00.18
20 mm	66,0	3.060	coil 220 meter	S.04.03.00.20
22 mm	79,0	3.675	coil 220 meter	S.04.03.00.22
24 mm	92,0	4.355	coil 220 meter	S.04.03.00.24
26 mm	108,0	5.050	coil 220 meter	S.04.03.00.26
28 mm	125,0	5.935	coil 220 meter	S.04.03.00.28
30 mm	145,0	6.815	coil 220 meter	S.04.03.00.30
32 mm	165,0	7.770	coil 220 meter	S.04.03.00.32
34 mm	190,0	8.575	coil 220 meter	S.04.03.00.34
36 mm	210,0	9.380	coil 220 meter	S.04.03.00.36
38 mm	238,0	10.150	coil 220 meter	S.04.03.00.38
40 mm	265,0	10.910	coil 220 meter	S.04.03.00.40

Above mentioned breaking loads are based on the long-hemp fibre.

Hemp



4-strand twisted

<i>Diameter</i>	<i>Approx. weight in kg per buying unit</i>	<i>Breaking load in kg.</i>	<i>Buying unit</i>	<i>Article number</i>
8 mm	11,0	460	coil 220 meter	S.04.04.00.08
10 mm	16,5	715	coil 220 meter	S.04.04.00.10
12 mm	25,0	1.100	coil 220 meter	S.04.04.00.12
14 mm	33,0	1.395	coil 220 meter	S.04.04.00.14
16 mm	44,0	1.855	coil 220 meter	S.04.04.00.16
17 mm	48,5	2.080	coil 220 meter	S.04.04.00.17
18 mm	53,0	2.295	coil 220 meter	S.04.04.00.18
20 mm	66,0	2.835	coil 220 meter	S.04.04.00.20
22 mm	79,0	2.386	coil 220 meter	S.04.04.00.22
24 mm	92,0	4.060	coil 220 meter	S.04.04.00.24
26 mm	108,0	4.690	coil 220 meter	S.04.04.00.26
28 mm	125,0	5.520	coil 220 meter	S.04.04.00.28
30 mm	145,0	6.300	coil 220 meter	S.04.04.00.30
32 mm	165,0	7.230	coil 220 meter	S.04.04.00.32
36 mm	210,0	8.730	coil 220 meter	S.04.04.00.36
40 mm	265,0	10.180	coil 220 meter	S.04.04.00.40

Above mentioned breaking loads are based on the long-hemp fibre.



6-strand twisted

<i>Diameter</i>	<i>Approx. weight in kg per Buying unit</i>	<i>Buying unit</i>	<i>Article number</i>
28 mm	125,0	coil 220 meter	S.04.06.00.28
33 mm	180,0	coil 220 meter	S.04.06.00.33
36 mm	210,0	coil 220 meter	S.04.06.00.36
38 mm	238,0	coil 220 meter	S.04.06.00.38

Hemp

8-strand braided

Crossing 4x2 strands through the middle of the rope creates it. The cross-section tends towards a square shape; therefore it is called a square braid.



<i>Diameter</i>	<i>Approx. weight in kg. per buying unit</i>	<i>Buying unit</i>	<i>Article number</i>
33 mm	176,0	Coil 220 meter	VQ.04.08.00.33

8 plait

It is a tubular form rope without a core



<i>Diameter</i>	<i>Approx. weight per buying unit in kg.</i>	<i>Breaking load in kg</i>	<i>Buying unit</i>	<i>Article number</i>
4 mm	3,3	75	reel 200 meter	V.04.08.00.04
5 mm	4,4	120	reel 200 meter	V.04.08.00.05
6 mm	6,6	165	reel 200 meter	V.04.08.00.06

Above mentioned breaking loads are based on the long-hemp fibre.

16 braid cover

It is tubular form rope.

It has a 16 braid cover with a braided core.



<i>Diameter</i>	<i>Approx. weight per buying unit in kg.</i>	<i>Breaking load in kg</i>	<i>Buying unit</i>	<i>Article number</i>
8 mm	10.0	305	reel 200 meter	V.04.16.00.08
10 mm	16.0	445	reel 200 meter	V.04.16.00.10
12 mm	19.8	595	reel 165 meter	V.04.16.00.12
14 mm	18.4	755	reel 115 meter	V.04.16.00.14
16 mm	20.0	995	reel 100 meter	V.04.16.00.16

Above mentioned breaking loads are based on the long-hemp fibre.