WireCo®

BIGTOW® RECOVERY STROPS

SUPERSTRONG ULTRALIGHT

Dyneema Vs Steel Wire & the RECOIL effects.

When steel wire breaks it poses a serious threat to anyone nearby. It can cause great bodily injury or even death. The combination of the enormous energy and heavy weight causes recoil with incredible force. That recoil is highly unpredictable, flying back in a snake-like manner.

On top of that, steel wire is made up of many small steel strands. When these strands are broken they create very sharp edges. Huge force, unpredictable behaviour and lots of sharp edges, this is the risk taken when working with steel cables. What's the alternative?

As many companies have already realised, worker safety is of paramount importance. There are ropes made with Dyneema® fibre that are not only easier to handle and more efficient, but they drastically reduce the risk posed to workers handling them. These ropes are 7 times lighter than steel at the same strength level.

If they were to ever break, the recoil force is considerably less than with heavy steel. When they break, they recoil in a linear fashion, eliminating the dangerous unpre-dictability of steel and, because they are made of soft Dyneema® fibre, there are no sharp edges flying about.

Genuine DSM® Dyneema®

Serial Numbers Allocated to Each Strop

Lankhorst | *Euronete*

SAFETY FIRST

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BENEFITS

- Manufactured from Lankoforce SK-78 Genuine DSM® Dyneema®
- We can manufacture from 1t to 1300t and from 1m through to 200m and over
- Ideal substitute for heavy chains or steel wire rope recovery strops
- Many protective sleeve options including polyester, braided, Heavy Duty Aramid & Kevlar
- Sleeving can be manufactured to be removed for inspection.
- Half the weight of a Kevlar Strop, and 1/8th of the weight of a steel wire strop.
- Extremely low stretch with limited, linear recoil, much safer than steel wires
- We can manufacture with many end termination options to suit your application

Lankhorst | *Euronete*

BIGTOW RECOVERY STROPS

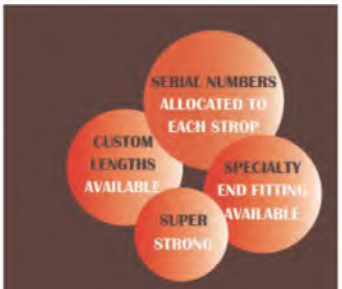
SUPERSTRONG ULTRALIGHT

Designed for recovery and towing of mining, heavy commercial & plant vehicles.

Ideal substitute for heavy chain and wire rope recovery equipment.

The low stretch & low recoil makes BIGTOW safe to use in recovery /tow situations.

The soft polyester cover provides extra protection from wear and tear.



LANKHORST

BIGTOW RECOVERY STROBES


TOWING ONLY
MBE 600t
WireCo
Australia

LANKO®LINE

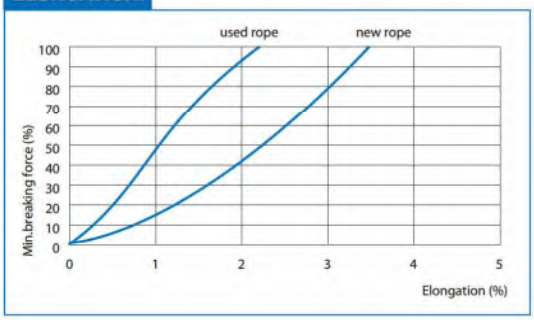
This 12 strand braided HMPE rope is combining the long term experiences of two major global leading companies in yarn manufacturing and rope making. The multi-filament fibres yarns are manufactured by Avient Protective Materials (previous DSM) and the rope is made by Lankhorst Ropes. A high quality general purpose HMPE alternative with the well-known European Lankhorst Ropes quality and reliability. LANKO®LINE offers the best combination for ship owners and users who are looking for reliability, affordable quality and performance. The LANKO®LINE can fulfill that requirement and does ease the mind because Avient Protective Materials (previous DSM) and Lankhorst Ropes are controlling the different manufacturing processes. LANKO®LINE is floating, has a bright orange coating and a good UV, abrasion and chemical resistance.

nominal diameter		weight		minimum breaking force ISO2307			spliced/LDBF (OCIMF MEG4)	
mm	inch	kg/100m	lb/100ft	lbs	kN	t(metric)	kN	t(metric)
6	1/4	2,3	1,5	7.644	34	3,5	31	3,1
8	5/16	3,9	2,6	13.264	59	6,0	53	5,4
10	3/8	5,9	4,0	21.132	94	9,6	85	8,6
12	1/2	8,7	5,8	29.675	132	13,5	119	12,1
14	9/16	10,2	6,9	39.791	177	18,0	159	16,2
16	5/8	14,1	9,5	52.830	235	24,0	212	21,6
18	3/4	17,4	11,7	65.644	292	29,8	263	26,8
20	13/16	20,6	13,8	81.156	361	36,8	325	33,1
22	7/8	26,1	17,5	97.567	434	44,2	391	39,8
24	1	30,9	20,8	115.552	514	52,4	463	47,2
26	1 1/16	37,0	24,9	132.637	590	60,1	531	54,1
28	1 1/8	43,2	29,0	151.971	676	68,9	608	62,0
30	1 1/4	48,4	32,5	171.080	761	77,6	685	69,8
32	1 5/16	55,3	37,2	192.436	856	87,3	770	78,5
34	1 3/8	62,2	41,8	214.917	956	97,5	860	87,7
36	1 1/2	68,0	45,7	233.801	1.040	106,0	936	95,4
38	1 9/16	76,0	51,1	258.530	1.150	117,2	1.035	105,5
40	1 5/8	85,1	57,2	283.259	1.260	128,4	1.134	115,6
42	1 11/16	94,0	63,2	307.988	1.370	139,7	1.233	125,7
44	1 3/4	104,0	69,9	337.213	1.500	152,9	1.350	137,6
48	2	124,0	83,3	402.408	1.790	182,5	1.611	164,2
52	2 1/8	153,0	102,8	467.603	2.080	212,0	1.872	190,8
56	2 1/4	170,0	114,2	539.541	2.400	244,6	2.160	220,2
60	2 1/2	200,0	134,4	611.480	2.720	277,3	2.448	249,5
64	2 5/8	228,0	153,2	696.908	3.100	316,0	2.790	284,4
68	2 3/4	254,0	170,7	782.335	3.480	354,7	3.132	319,3
72	2 15/16	285,0	191,5	870.010	3.870	394,5	3.483	355,0

Other diameters on request

Diameter, weight and MBF (as well as other mechanical and physical properties) are determined according ISO 2307. The MBF refers to the breaking strength of the rope without splices or any other form of termination that can be formed with or without the use of accessories / fittings. The figures in red refer to the Line Design Breaking Force (LDBF) in spliced dry condition and products are manufactured, tested and documented according to OCIMF guideline MEG4 Appendix B.

ELONGATION:



SPECIFIC GRAVITY	0,98 (floating)
UV-RESISTANCE	good
ABRASION RESISTANCE	good
CHEMICAL RESISTANCE	good
MELTING POINT	approx. 147 °C
CONSTRUCTION	12 strand braided
TCLL VALUE	81,95% (with 100% residual strength)
COLOUR	orange
WATER ABSORPTION	0%
ELONGATION	see graph for illustration purposes