



COMMERCIAL MARINE

ONSHORE-OFFSHORE & SUBSEA ROPES
DURABILITY IN CHALLENGING ENVIRONMENTS

PERFORMANCE
Since 1972
ROPES & CORDS

To order call +44 (0)1684 892222 or visit: www.englishbraids.com





Code	Dia. (mm)	Reel Length (m)	SK78		SK99		DM20	
			Weight (kg/100m)	Minimum Breaking Load (T)	Weight (kg/100m)	Minimum Breaking Load (T)	Weight (kg/100m)	Minimum Breaking Load (T)
5809	9	200	3.8	6.8	3.8	8.0	3.8	9.0
5810	10	200	4.6	8.0	4.6	9.4	4.6	10.5
5811	11	200	5.7	10.6	5.7	12.5	5.7	12.6
5812	12	200	6.6	12.1	6.6	14.3	6.6	15.0
5814	14	200	8.6	14.2	8.6	16.8	8.6	19.9
5816	16	200	12.3	23.9	12.3	28.2	12.3	20.8
5818	18		19.6	31.4	19.6	37.4	19.6	27.3
5820	20		24.0	41.0	24.0	44.9	24.0	32.8
5822	22		29.0	44.4	29.0	52.8	29.0	38.6
5824	24		31.8	48.7	31.8	57.9	31.8	42.4
5826	26		39.1	59.2	39.1	70.4	39.1	51.5
5828	28		43.4	64.1	43.4	76.3	43.4	55.8
5830	30		52.7	76.6	52.7	91.2	52.7	66.6
5832	32		57.8	84.6	57.8	100.7	57.8	73.6
5834	34		63.6	91.1	63.6	108.4	63.6	79.2
5836	36		69.4	97.8	69.4	116.4	69.4	85.0
5838	38		78.1	110.0	78.1	130.9	78.1	95.5
5840	40		86.7	120.0	86.7	142.8	86.7	104.0
5844	44		104.1	139.0	104.1	165.4	104.1	121.0
5848	48		121.5	160.0	121.5	190.4	121.5	139.0
5852	52		147.5	193.0	147.5	229.7	147.5	168.0
5856	56		164.8	214.0	164.8	254.7	164.8	186.0
5860	60		190.9	243.0	190.9	289.2	190.9	212.0
5864	64		216.9	272.0	216.9	323.7	216.9	237.0
5868	68		243.0	301.0	243.0	358.2	243.0	262.0
5872	72		277.7	342.0	277.7	407.0	277.7	297.0
5876	76		303.7	371.0	303.7	441.5	303.7	323.0
5880	80		338.4	412.0	338.4	490.3	338.4	358.0
5888	88		416.6	504.0	416.6	599.8	416.6	438.0
5896	96		494.7	597.0	494.7	710.4	494.7	519.0

Made to Order

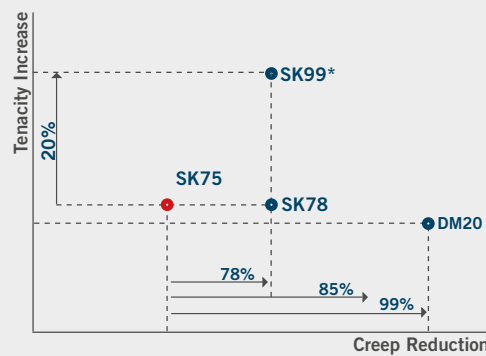
XPS 78			XPS 99			DM20 XPS (Dynastay)		
Dia. (mm)	Mass (kg/100m)	Min strength (spliced) (T)	Dia. (mm)	Mass (kg/100m)	Min strength (spliced) (T)	Dia. (mm)	Mass (kg/100m)	Min strength (spliced) (T)
8	4.45	8.7	8	4.45	10.3	8	4.45	7.8
9	5.4	10.0	9	5.4	11.5	9	5.4	9.0
10	6.3	11.7	10	6.3	13.4	10	6.3	10.5
11	7.5	14.1	11	7.5	16.1	11	7.5	12.6
12	9	16.7	12	9	19.2	12	9	15.0
13	10.7	19.7	13	10.7	22.6	13	10.7	17.7
15	13.4	24.6	15	13.4	28.2	15	13.4	22.1
17	18.4	30.6	17	18.4	35.1	17	18.4	27.4

Steelsafe ropes benefit applications where high strength with low weight is key. Made from Dyneema® SK78, SK99 and DM20 the ropes are designed primarily for subsea, offshore and industrial applications. Steelsafe ropes have low elongation and low energy storage promoting safe working practices. The coating has been optimised to ensure maximum longevity while protecting the rope from dirt ingress. The rope is available in finished assemblies or on reel. The specification of the product is designed to be used without a cover in harsh environments.

FEATURES & BENEFITS

- 12-strand construction
- Protective coating
- Colour coated on request
- Designed to optimize breaking loads
- Light weight high tenacity
- Torsionally stable
- Reduced manpower requirements

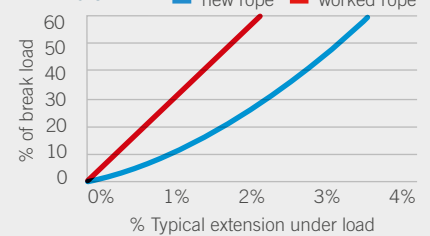
DYNEEMA® COMPARISON MATRIX**



* Preliminary Creep Result (Subject to lifecycle testing)

** Graph shows Indicative Comparison

EXTENSION



TECHNICAL INFORMATION

	Core
Construction	12 Strand
Material	Dyneema®
Specific gravity	0.98
Resistance to acid	Very good
Resistance to alkali	Very good
Resistance to UV	Very good
Resistance to heat	Poor
Extension at 50%	2.2%
Extension at break	-



A high performance alternative to polypropylene or polyester, this product is designed to offer a high-strength alternative for general mooring or winching. The EBSteel product floats and is resistant to the majority of acids and alkalis.

FEATURES & BENEFITS

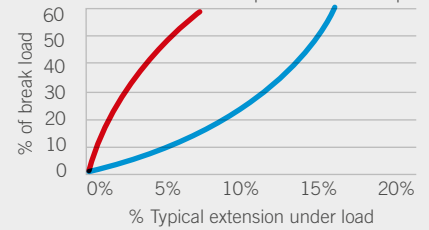
- 220m reels
- Pre-spliced with protected 2m eye at each end
- 30% stronger than equivalent polypropylene
- Pre-spliced with protected 2m eye at each end
- High strength floating line
- Not affected by water
- Resistant to most acids and alkalis
- Density 0.94
- Melting point 185°C

Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Break Load (T)
7724	24	220	26	10.6
7728	28	220	35.5	14.1
7732	32	220	46	18.2
7736	36	220	58	22.8
7740	40	220	73	27.9
7744	44	220	88	33.3
7748	48	220	105	39.2
7752	52	220	121	45.6
7756	56	220	141	52.4
7760	60	220	163	59.4
7764	64	220	185	67
7768	68	220	224	75.1
7772	72	220	235	83.6
7776	76	220	262	92.5
7780	80	220	290	101.4
7788	88	220	350	121.3
7796	96	220	417	1142.8

TECHNICAL INFORMATION

	Core
Construction	8 Strand
Material	Polysteel
Specific gravity	0.94
Resistance to acid	Good
Resistance to alkali	Good
Resistance to UV	Average
Resistance to heat	Good

EXTENSION



8-Strand Nylon Anchorbraid



The preferred anchor warp when chain is used. This rope splices easily to chain, runs well over chain winches and out of foredeck stowage without snagging. Anchorbraid is the best combination for anchorwarp.

FEATURES & BENEFITS

- Torque neutral
- High extension under load
- Easy to handle in long length
- Silent Mooring line
- Can be spliced to chain directly

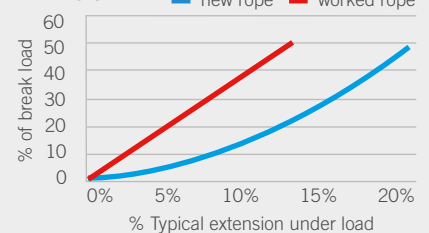
Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Break Load (T)
2710	10	220	6.5	2.5
2712	12	220	9.3	3.3
2714	14	220	11.5	3.8
2716	16	220	17.5	5.8
2718	18	220	21	6.6
2720	20	220	26	8.7
2724	24	220	37.3	12.8
2728	28	220	51	16.6
2732	32	220	66.4	18.3
2734	34	220	71.3	22.8
2736	36	220	79.9	25.4
2738	38	220	89	28.2
2740	40	220	98.6	31.0
2742	42	220	108.7	34.0
2744	44	220	119.3	37.1
2746	46	220	130.4	40.3
2748	48	220	142	43.7
2750	50	220	154.1	47.1
2752	52	220	166.7	50.7

Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Break Load (T)
2754	54	220	179.7	54.4
2756	56	220	193.3	58.3
2760	60	220	221.9	66.3
2764	64	220	252.5	74.9
2768	68	220	285	83.9
2772	72	220	319.5	93.4
2776	76	220	356	103.4
2780	80	220	394.5	113.8
2784	84	220	434.9	124.7
2788	88	220	477.3	136.1
2792	92	220	521.7	147.9
2796	96	220	568.1	160.2
2801	100	220	616.4	172.9
2802	104	220	666.7	186.1
2803	108	220	719	199.8
2804	112	220	773.2	213.9
2805	120	220	887.6	243.4
2806	128	220	1009.9	274.7

TECHNICAL INFORMATION

	Core
Construction	3 strand
Material	Polyester
Specific gravity	1.19
Resistance to acid	No
Resistance to alkali	Yes
Resistance to UV	Yes
Resistance to heat	^230 C
Extension at 50%	15%
Extension at break	25%

EXTENSION



900/ Black

000/ White



A high performance alternative to polypropylene or polyester, this product is designed to offer a high-strength alternative for general mooring or winching. The EBSteel product floats and is resistant to the majority of acids and alkalis.

FEATURES & BENEFITS

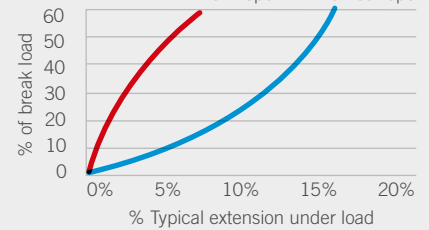
- 220m reels
- Pre-spliced with protected 2m eye at each end
- 30% stronger than equivalent polypropylene
- Pre-spliced with protected 2m eye at each end
- High strength floating line
- Not affected by water
- Resistant to most acids and alkalis
- Density 0.94
- Melting point 185°C

Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Break Load (kg)
7608	8	220	2.9	1,193
7610	10	220	4.5	1,836
7612	12	220	6.5	2,591
7614	14	220	8.8	3,468
7616	16	220	11.6	4,437
7618	18	220	14.7	5,559
7620	20	220	18	6,752
7622	22	220	22	8,068
7624	24	220	26	9,466
7628	28	220	35.5	12,546
7632	32	220	46	16,014

TECHNICAL INFORMATION

	Core
Construction	3-Strand
Material	Polysteel
Specific gravity	0.94
Resistance to acid	Good
Resistance to alkali	Good
Resistance to UV	Average
Resistance to heat	Good

EXTENSION



3-Strand Polyester

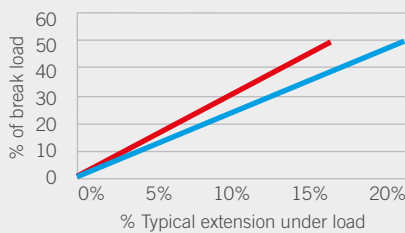


This standard polyester represents the best all round performing 3-strand. Where nylon absorbs water and discolours yellow with age, polyester remains soft and white. The rope goes through a heat treatment process to relieve constructional stresses in the fibres due to twisting and cabling during manufacture, meaning that the finished product is stable and resists kinking yet splices easily.

FEATURES & BENEFITS

- 100% Polyester
- Heat treated
- Resists hockling and kinking
- Very easy to splice
- Good shock absorption

EXTENSION



Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Break Load (T)
4606	6	300	3.2	1.05
4608	8	300	4.6	1.37
4610	10	220	8.2	2
4612	12	165	11.6	2.7
4614	14	110	15.0	3.3
4616	16	110	19.3	4.3
4618	18	110	24.0	5.2
4620	20	110	30.0	5.9
4624	24	110	42.6	11.7
4632	32	100	82.0	15.2

TECHNICAL INFORMATION

	Core
Construction	3 strand
Material	Polyester
Specific gravity	1.38
Resistance to acid	Yes
Resistance to alkali	Yes
Resistance to UV	Yes
Resistance to heat	^230 C
Extension at 50%	16%
Extension at break	25%

900/ Black



912/ Navy



000/ White



Our range of Dyneema ropes work with the characteristics of the Dyneema fibre by providing a low stretch/low weight rope which can be used as an alternative to traditional steel winching solutions. Manufactured with a high grade Polyester cover to increase the longevity of the Dyneema core.

Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Min. Break Load (kg)
5408	8	200	4.3	3,140
5410	10	200	5.7	4,650
5412	12	200	8.3	5,920
5414	14	200	10.8	8,800
5416	16	200	13.8	11,600
5418	18	200	19.8	14,900
5420	20	200	25.8	16,200
5424	24	200	53.0	23,500

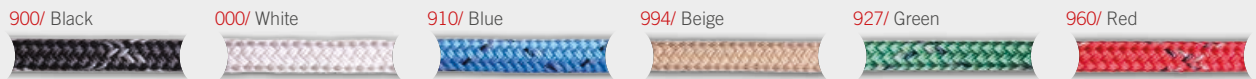
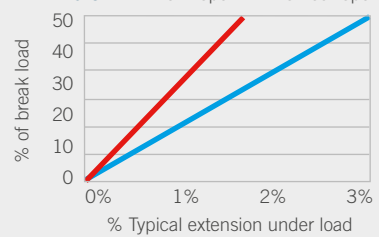
FEATURES & BENEFITS

- Dyneema® SK78 core
- 100% colour coded polyester jacket
- Pre-stretched and heat set
- Max tenacity with minimal extension & creep
- Longevity and high performance
- Designed to splice easily

TECHNICAL INFORMATION

	Core	Cover
Construction	12 strand	24 plait
Material	Dyneema®	Polyester
Specific gravity	0.97	1.38
Resistance to acid	Yes	Yes
Resistance to alkali	Yes	Yes
Resistance to UV	Yes	Yes
Resistance to heat	^150 C	^230 C
Extension at 50%	2.2%	
Extension at break	3.5%	

EXTENSION



Steelsafe Ultra 78

Steelsafe Ultra 78 is the leading product for high strength, high abrasion resistance. The polyester cover offers increased level of friction making the product suitable for use on any friction based winch device.

FEATURES & BENEFITS

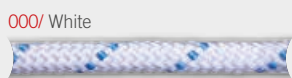
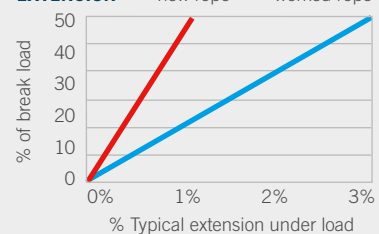
- High friction co-efficient
- High abrasion resistance
- Good spooling characteristics

Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Min. Break Load (T)
5928	28	Made to order	45.8	62
5932	32		67.1	73
5936	36		77.4	93
5940	40		87.3	113
5944	44		104	134
5948	48		138	164
5952	52		173	194
5956	56		190	228
5960	60		208	262
5964	64		245	307
5968	68		265	343
5972	72		285	379
5976	76	316	427	
5980	80	334	456	

TECHNICAL INFORMATION

	Core	Cover
Construction	12 Strand	24 Plait
Material	Dyneema®	Polyester
Specific gravity	0.97	1.38
Resistance to acid	Good	Good
Resistance to alkali	Good	Good
Resistance to UV	Good	Good
Resistance to heat	Poor	Good
Extension at 50%	2.2%	
Extension at break	-	

EXTENSION





Techna-line with Technora® is used wherever safety and protection are essential. The unique properties of Technora® give a number of significant advantages over other synthetic yarns and steels in ropes and cables. Applications range from mooring cables, hoisting cables and cables for deep-sea applications. The unique properties of Technora mean that the rope is suitable for any heat based application.

FEATURES & BENEFITS

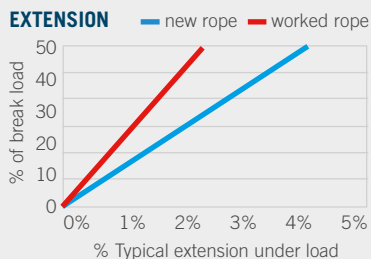
- Torsionally stable construction
- High strength to diameter ratio
- Good UV resistance for Aramid fibre
- Very resistant to heat

Technora®

Code	Dia. (mm)	Reel Length (m)	Weight (kg/100m)	Min. Break Load (kg)
3767	8	200	5	6,000
3768	10	200	8	10,000
3769	12	200	12	15,000
3770	14	200	17	18,000
3771	16	200	21	20,000
3772	18	200	29	30,000
3773	22	200	38	39,000
3774	24	200	47	47,000

TECHNICAL INFORMATION

	Core
Construction	12 Strand
Material	Technora®
Specific gravity	1.44
Resistance to acid	Good
Resistance to alkali	Good
Resistance to UV	Good
Resistance to heat	Good
Melting point	500
Extension at 50%	2%



Chafe Pro / EXTENDS THE LIFESPAN OF FIBRE ROPES



Designed to protect your investment the Chafe Pro range is made of ballistic grade nylon and can be easily fitted to both new and existing lines with the special non slip hook and loop system. Specialised eye and eye and splice protectors available.

FEATURES & BENEFITS

- Protect high value lines and spot wear
- Commercial product available with safety hooks for secure fitting
- Ballistic grade Nylon
- Increasing safety when used with Tutus Static

Reference	Fits	Width x Length	Line Coverage
05-98Y-14	10mm to 20mm Pair	0.13m x 0.35m	0.35m
06-98Y-16	10mm to 25mm Pair	0.15m x 0.45m	0.45m
08-HB-02	25mm to 50mm	0.2m x 0.9m	0.9m
08-HB-06	25mm to 50mm	0.2m x 1.83m	1.8m
12-HB-04	38mm to 64mm	0.3m x 1.20m	1.2m
12-HB-06	38mm to 64mm	0.3m x 1.83m	1.8m
16-HB-06	64mm to 100mm	0.4m x 1.83m	1.8m
16-HB-08	64mm to 100mm	0.4m x 2.44m	2.4m
HB-Eye-12	Eye Protector fits 38mm to 64mm	1m Length	1m
HB-EY-16	Eye Protector fits 64mm to 100mm	1m Length	1m

TECHNICAL INFORMATION

Construction	Weave
Material	Ballistic PA
Specific Gravity	1.14
Resistance to acid	Average
Resistance to Alkali	Good
Resistance to UV	Average
Resistance to heat	Average