



**FINELINE**<sup>®</sup>  
MARINE

**MADE IN  
NEW ZEALAND**

**SPEC  
SHEET**

# MATERIAL PROPERTIES

## Dyneema®, the worlds strongest fiber™

**Specific Gravity - .97 Melt Point - 144-152° Tenacity 30 - 48 gpd**

Dyneema® fiber is one of the more common high performance fibers available on the market. Its high strength and low elongation and light weight make it the ideal braid for sheets, guys and control lines. It has excellent chemical resistance and UV resistance, although it tends to have a cover over the dyneema® fiber core, generally polyester, to increase its working life. The Dyneema® SK75, SK78, and SK99 yarn is the strongest fiber in our current range. Negatives in using Dyneema® fiber are the slippery nature of the fibre and the tendency to creep, i.e. Elongation under a prolonged load. Creep is much lower in SK78.

## VECTRAN™

**Specific Gravity 1.41 Melt Point - 330° Tenacity - 23gpd**

Vectran™ is a high performance fiber that is specifically designed for fixed load applications. It has a very high melting point and can withstand extreme temperatures, its high strength, low elongation and very low creep makes it ideal for Halyards. It has excellent cut resistance and has low moisture absorption. Its U.V stability is poor, however its abrasion and cut resistance is much superior to polyester .

## DYNICE™

**Specific Gravity Melt Point -144°-152°**

Dynice™ is a urethane coated heat set core made with Dyneema® fiber. With the urethane coating Dynice™ has excellent U.V, abrasion resistance and very low elongation. It has excellent tension and bending fatigue surpassing that of steel at common working loads. Its high strength and low weight make it suitable for ropes used in yachting applications halyards, sheets or any other application where a high performance rope is needed. It is often used with an outer cover, normally polyester, to extend its working life. Although it is heat set, it does still creep under extended load.

## POLYESTER (TERYLENE,DACRON)

**Specific Gravity - 1.38 Melt Point - 260°c Tenacity - 8.5gpd**

Polyester is the most commonly used material in our range. It is also available in a wide range of colours and weights, the most common weights are 250, 500, 1000 & 1500 denier. It is resistant to U/V rays and all colours are colourfast. Prolonged exposure in water has little or no lasting effects. It has good abrasion resistance, especially when twisted. However it can not be dyed using normal dyeing methods. Used in all 5 & 6 series, sash cords, luff cords, HJ series and yacht braids; it is suitable for Halyards, Sheets, Reefing lines and control lines on cruising boats.

## TECHNORA (ARAMID)

Technora is a aramid fiber in the same family as kevlar. It is however more flexible, available matt black to improve UV resistance. Ideal when blended with polyester for ultra performance covers.

## TROSAR T70 (AVIENT)

Trosar™ is a multi-filament UHMWPE Fiber grade with a density of 0.975 g/cm3 (Floats on water) and a typical elongation at break of 3.5%. The fiber is visually opaque.

## NYLON (POLYAMIDE)

**Specific Gravity - 1.14 Melt Point - 250° Tenacity - 8.9gpd**

Nylon has a higher strength than polyester but also has more elongation. It tends to be used for fixed applications such as mooring lines or sea anchors. It has excellent abrasion resistance but tends to harden as the rope gets more worn. It can also be dyed using acid dyes.

## POLYPROPYLENE

**Specific Gravity - .91 Melt Point - 165° Tenacity - 7.8gpd**

Polypropylene is a light weight material that is used throughout the marine industry for rescue lines and anything else that requires a light weight floating rope. Its abrasion resistance is not equal to polyester and other yarns but it is U/V stabilised. It has excellent chemical resistance and does not retain water. It is good as a multipurpose rope but loses strength under heavy shock loads, it can be used for rescue lines and other general purpose uses.

## MATERIAL CODES

All products are coded with the construction/material makeup followed by the finished diameter size. (Excluding sash cord).

<b>Y</b>	Yacht braid construction	<b>N</b>	Nylon
<b>C</b>	Basic braid construction	<b>V</b>	Vectran® is a registered trade mark of Kuraray America Ltd.
<b>R</b>	Recovery - Factory overbraiding existing cores	<b>T</b>	Technora® is a registered trade mark of Teijin BV.
<b>RRJ</b>	Replacement cover with internal mouse line	<b>X</b>	Dynice 75® is a registered trade mark of Hampidjan.
<b>D</b>	Dyneema® is a registered trade mark of Royal DSM N.V	<b>XS</b>	Dynice DUX 75® is a registered trade mark of Hampidjan.
<b>J</b>	Polyester	<b>A</b>	Kevlar® is a registered trade mark of Du Pont USA.
<b>P</b>	Polypropylene	<b>O</b>	PBO Zylon® is a registered trade mark of Toyobo Co.
<b>BK</b>	Spun Polyester	<b>FX</b>	Utherane coated Dyneema

EXAMPLE **YJTD12**      **Y** = Yacht braid construction      **D** = Dyneema core  
**JT** = Polyester & Technora Blend      = 12.0mm diameter

Break loads achieved in Laboratory conditions, Safe working loads depend on application.

# GENERAL BRAIDS

**FINELINE**<sup>®</sup>  
MARINE

## 5 SERIES



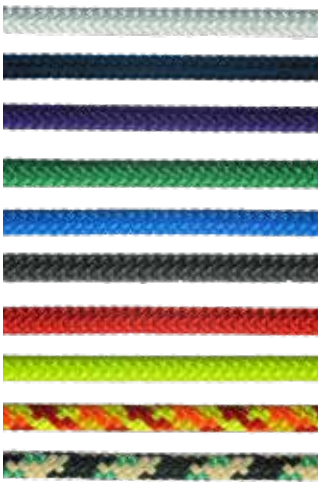
Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
CJ505	0.5 mm	100/1000m	10	0.03
CJ510	1 mm	100/1000m	35	0.10
CJ515	1.5 mm	100/1000m	50	0.16
CJ520	2 mm	100/1000m	100	0.27
CJ525	2.5 mm	100/1000m	130	0.42
CJ530	3 mm	100/300m	200	0.60
CJ535	3.5 mm	100/500m	350	0.81
CJ540	4 mm	100/300m	390	1.13
CJ545	4.5 mm	100/300m	425	1.28
CJ550	5 mm	100/300m	565	1.57
CJ560	6 mm	100/200m	600	2.36

### POLYESTER

8 Plait construction, high tenacity UV stabilised polyester core and cover. Solid white, black and colours.

**Applications** - General purpose, tying and whipping, Lacing cord, Blind draw cord, mouse line, leech line.

## 6 SERIES



Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
CJ610	1 mm	100/1000m	25	0.10
CJ615	1.5 mm	100/1000m	50	0.16
CJ620	2 mm	100/1000m	75	0.27
CJ623	2.3 mm	100/1000m	123	0.36
CJ625	2.5 mm	100/1000m	200	0.49
CJ630	3 mm	100/500m	240	0.63
CJ635	3.5 mm	100/500m	275	0.80
CJ640	4 mm	100/300m	400	1.34
CJ645	4.5 mm	100/300m	425	1.41
CJ650	5 mm	100/300m	520	1.83
CJ660	6 mm	100/200m	650	2.40

### POLYESTER

16 Carrier smooth construction, high tenacity UV stabilised polyester core and cover. Solid white, black and colours.

**Applications** - General purpose, tying and whipping, mouse line, Blind draw cord, leech line.

## SASHCORD



Product	Size	Spool	Weight /100mts (kg)
No.3	3 mm	150m	0.57
No.4	3.5 mm	150m	0.72
No.5	4 mm	150m	1.20
No.6	6 mm	150m	2.50
No.7	6.4 mm	150m	2.84
No.8	7 mm	150m	3.27
No.9	7.8 mm	150m	4.11
No.10	9 mm	100m	5.31

### POLYESTER

Solid braid construction high tenacity UV polyester, excellent general purpose braid available in solid black and white. Not suitable for high loads., Although excellent for Sash Windows.

Easy for knotting and unknitting.

**Applications** - Window sash cord, motor starter cord.

## DOCKLINE



NYLON 10-14MM

## PRO SPLICE



POLYESTER 16-32MM

Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
YN10	10mm	100m	2000	6.00
YN12	12mm	100m	2800	9.05
YN14	14mm	100m	4200	12.5
YN20	20mm	100m	7500	22.0
PS16	16mm	100m	4234	11.52
PS24	24mm	90m	5630	17.95
PS28	28mm	100m	7345	22.40
PS32	32mm	100m	10549	30.53

\* Tested with both ends spliced

## NYLON 10-24MM

100% UV Stabilised nylon, black outer cover, high elongation.

## POLYESTER 16-32MM

Constructed from highly twisted polyester with no core, Pro splice has high elongation and flexibility.

It's extremely light compared to other docklines with low abrasion and noise compared with 3 strand nylon.

Can be readjusted after a splice.

**Applications** - Mooring, Anchoring, Docking.

## LITELINE



PAINTER (12MM)

Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
YP6	6mm	100m	550	2.00
YP8	8mm	100m	750	3.60
YP10	10mm	100m	1200	5.20
YP12	12mm	100m	1500	6.80

## POLYPROPYLENE

100% multi filament polypropylene. Floating rope. Same construction as classic yacht braid. Not suitable for shock loading.

**Applications** - Lite tow line, general purpose sailing dingy line.

## LUFFCORD



Product	Size	Spool	Weight /100mts (kg)
CJ632HL	3.2mm	100/500m	0.76
CJ640HL	4mm	100/300m	1.21
CJ648HL	4.8mm	100/300m	1.73
CJ657HL	5.7mm	100/300m	2.65
CJ664HL	6.4mm	100/300m	2.98
CJ680HL	8mm	100/200m	4.90
CJ910HL	10mm	100/200m	7.00
CJ913HL	13mm	100/100m	9.5

## POLYESTER

Tightly picked 100% polyester braid, extremely rigid for use in sail making luff cord.

Special sizes made to order.

## HJ SERIES



Product	Size	Spool	Weight /100mts (kg)
HJ8	8mm	100m	2.44
HJ10	10mm	100m	3.19
HJ12	12mm	100m	5.27
HJ14	14mm	100m	7.30
HJ20	20mm	100m	12

## POLYESTER

Braided high tenacity UV stabilised polyester without a core, perfect for horse/dog leads etc, and a low cost winch braid. Easy to splice.

**Applications** - Dog, horse leads, Inflatable boat soft grip handles. Light load winch rope and Fender lines.

# DINGHY ADVANTAGE

**FINELINE®**  
MARINE

## Advantage SK78

### Dyneema® SK78 CORE / POLYESTER COVER



Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
CJD620 16C	2mm	100m	240	0.36
CJD630 16C	3mm	100m	300	0.60
YJD4 16C	4mm	100m	600	1.2
YJD5 16C	5mm	100m	850	1.6
YJD6 16C	6mm	100m	1500	2.7

High performance Dyneema® fiber SK78 core and 100% high tenacity polyester cover. Double braid construction with high strength and low stretch. 12 Carrier core - 16 Carrier cover.

**Applications** - Halyards, Sheets, Control Lines, Vang, Reefing and furling systems, Out/downhaul.

## Advantage +

### Dyneema® SK78 CORE / POLYESTER COVER



Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
YJD4+	4mm	100m	600	1.2
YJD5+	5mm	100m	850	1.6
YJD6+	6mm	100m	1500	2.7

High performance Dyneema® fiber SK78 core and 100% high tenacity polyester cover.

Urethane coated core which includes Titanium dioxide particles to help improve cut resistance and abrasion plus increased UV protection.

## Advantage X

### Dyneema® SK99 CORE / TECHNORA® POLYESTER COVER



Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
YJTD3 PRO 99	3mm	100m	445	.62
YJTD4 PRO 99	4mm	100m	738	1.15
YJTD5 PRO 99	5mm	100m	1200	1.67
YJTD6 PRO 99	6mm	100m	2036	2.75
YJTD7 PRO 99	7mm	100m	2720	3.47

The World's strongest fiber.

Dyneema® fiber SK99 core and 100% high tenacity polyester/ Technora blend.

Urethane coated core which includes Titanium dioxide particles to help improve cut resistance and abrasion plus increased UV protection.

#### Ratios's

3mm - 75% Technora / 25% Polyester  
4mm - 42% Technora / 58% Polyester  
5mm - 60% Technora / 40% Polyester  
6mm - 75% Technora / 25% Polyester

**20% more strength over SK78**

#### ABOUT DYNEEMA® fiber

Simply the world's strongest fiber, 15 times stronger than steel wire kilo for kilo. Dyneema® fiber is also lightweight and water-resistant, with a specific gravity of 0.97 meaning it also floats. Other benefits include excellent chemical resistance and UV resistance.

#### ABOUT TECHNORA®

Technora is an aramid fiber in the same family as Kevlar. It is, however, more flexible and with an added marine finish has high abrasion resistance. Other properties include - High tenacity & modulus, Excellent abrasion & fatigue resistance, Excellent chemical & steam resistance, High thermal stability, Lower moisture regain than other para-aramids, Available in black.

# DINGHY

**FINELINE<sup>®</sup>**  
MARINE



## CONTROL 2.0



Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
YPDD4	4mm	100	600	.86
YPDD5	5mm	100	850	1.45
YPDD6	6mm	100	1500	1.7
YPDD7	7mm	100	2000	2.49

Our flagship dinghy line, Designed with input from Olympic Gold Medalist and ETNZ Helmsman Peter Burling.

High Strength Dyneema<sup>®</sup> fiber SK78 core with lightweight Dyneema<sup>®</sup> fiber polypropylene blended cover.

\* 4mm no white flecks.

## CL SERIES



Product	Size	Spool
CL3	3.0mm	100
CL4	4.0mm	100
CL5	5.0mm	100

12 Carrier Dyneema<sup>®</sup> fiber SK78 Coated single braid. Perfect for endless control lines. Cleats well and easy to splice.

## SOFTLINE



Product	Size	Spool	Approx B/Load (kg)
SL6	6mm	100	600
SL8	8mm	100	900
SL10	10mm	100	1100

A blend of Spun polyester & polypropylene over a braided polyester core.

Cleats well, Ideally suited for hand held control lines.

## MAINLINE 1.0



Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
YJ6HL	6mm	100	700	3.02

A light non twisting mainsheet with a polyester core and polyester cover stocked only in Grey/white mottle

## MAINLINE 2.0



Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
YJTJ5.5HL	5.5mm	100	650	2.77

High wear Technora and polyester blended cover with Polyester core.

# YACHTING

## CRUISING / GENERAL MARINE

**FINELINE**  
MARINE

### CLASSIC



### POLYESTER DOUBLE YACHT BRAIDS

Product	Size	Spool	Approx Spliced B/Load (kg)	Weight /100mts (kg)
YJ4	4mm	100m *	250	1.16
YJ5	5mm	100m *	400	1.60
YJ6	6mm	100m *	850	2.77
YJ8	8mm	100m *	1650	4.97
YJ10	10mm	100m *	2500	7.75
YJ12	12mm	100m *	3000	10.3
YJ14	14mm	100m *	4800	15.3
YJ16	16mm	100m *	6400	18.1
YJ18	18mm	100m	7000	23.6
YJ20	20mm	100m	7200	25.8
YJ22	22mm	100m	7400	29.2

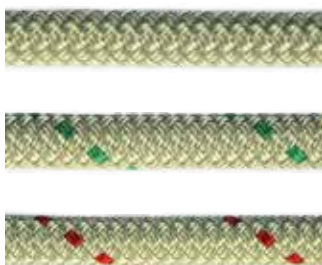
Designed for the cruiser/racer, FINELINE™ polyester double braids are constructed using 100% high tenacity multifilament polyester yarn. High strength with low stretch, softer construction for ease of splicing, new easy identification 4 fleck colour coding, excellent UV and chemical resistance,

**Applications** - Sheets, halyards, down hauls, runners, reefing line and spinnaker guys.

\* Also available in bulk  
4 - 12mm up to 1000mtrs  
14 - 16mm up to 400 mtrs

Break loads shown are SPLICED breaks

### TRADITIONAL



Product	Size	Spool	Approx Spliced B/Load (kg)	Weight /100mts (kg)
YJ4	4mm	100m *	250	1.16
YJ5	5mm	100m *	400	1.60
YJ6	6mm	100m *	850	2.77
YJ8	8mm	100m *	1650	4.97
YJ10	10mm	100m *	2500	7.75
YJ12	12mm	100m *	3000	10.3
YJ14	14mm	100m *	4800	15.3
YJ16	16mm	100m *	6400	18.1
YJ18	18mm	100m	7000	23.6
YJ20	20mm	100m	7200	25.8
YJ22	22mm	100m	7400	29.2

### YACHT BRAIDS

Designed for Classic boats, FINELINE™ "Traditional" is an alternative colour to white.

The cover is also available in all Fineline ranges in solid colour or with colour fleck.

\* Lower levels held of stock, manufactured to order.

Bulk reels available

**Applications** - Sheets, halyards, down hauls, runners, reefing line and spinnaker guys.

Break loads shown are SPLICED breaks

# YACHTING

## HIGH PERFORMANCE

**FINELINE®**  
MARINE

### Advantage **T70**



### TROSAR T70® CORE / POLYESTER COVER

Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
T70-2mm	2mm	100m	244	0.36
T70-3mm	3mm	100m	285	0.60
T70-4mm	4mm	100m	600	1.2
T70-5mm	5mm	100m	774	1.6
T70-6mm	6mm	100m	1464	2.7
T70-8mm	8mm	100m	2646	4.65
T70-10mm	10mm	100m	4986	6.8
T70-12mm	12mm	100m	5572	9.5

**Trosar T70** is a multi-filament UHMWPE Fiber grade with a density of 0.975 g/cm<sup>3</sup> (Floats on water)

**Advantage T70**, a new fiber in stock, designed to offer a compelling alternative to our renowned Advantage SK78 range, where long-term creep life is less critical, offering exceptional value without compromising essential performance characteristics with only a 5-10% reduction in strength compared to Advantage SK78, however, a 15-20% decrease in cost due to a reduction in manufacturing processing and refinements.

### Advantage **T70** vs **SK78**

BOTH FIBERS PRODUCED BY AFPM

#### STRENGTH

90-95%

**T70**

VS

**SK78**

#### COST

**T70**

80-85%

VS

**SK78**

#### ELONGATION (AT BREAK)

**T70**

3.5%

**SK78**

#### CREEP LIFE (EXTENDED)



Break loads shown are SPLICED breaks

### Advantage **SK78**



### Dyneema® SK78 CORE / POLYESTER COVER

Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
CJD620 16C	2mm	100m	240	0.36
CJD630 16C	3mm	100m	300	0.60
YJD4 16C	4mm	100m	600	1.2
YJD5 16C	5mm	100m	850	1.6
YJD6 16C	6mm	100m*	1500	2.7
YJD8	8mm	100m*	3300	4.65
YJD10	10mm	100m *	5108	6.8
YJD12	12mm	100m *	6600	9.5
YJD14	14mm	100m *	8200	13.5
YJD16	16mm	100m *	9000	15.5
YJD18	18mm	100m *	10000	21.5
YJD20	20mm	100m *	11000	23.2
YJD22	22mm	100m *	11800	26.0

High-performance, Dyneema® fiber SK78 core and 100% high tenacity polyester cover. Double braid construction with high strength and low stretch. Option to coat the core with a urethane coating which includes Titanium dioxide particles to help improve cut resistance and abrasion plus increased UV protection.

12 Carrier core - 24 Carrier cover.

8-24mm

• Available in traditional color

Applications - Halyards, Sheets, Control lines, Vang, Reefing and furling systems, Out/downhaul.

Break loads shown are SPLICED breaks



# YACHTING

## HIGH PERFORMANCE

**FINELINE**  
MARINE

### Advantage **TECH**

2 X BLEND OPTIONS



**GRAND PRIX (GP)**



**PRO**

**Colour Blends**

Royal Blue / Red / Burnt Orange

Green / Fluro Yellow / Fluro Lime

### Dyneema® SK78 CORE / TECHNORA POLYESTER COVER

Code	Size	Approx Spliced B/Load (kg)	PRO TECHNORA / POLY Approx %	GRAND PRIX TECHNORA / POLY Approx %
YJTD6	6mm	1500	43/57	75/ 25
YJTD8	8mm	3300	43/57	75/25
YJTD10	10mm	5108	50/50	80/20
YJTD12	12mm	6600	55/45	75/25
YJTD14	14mm	8200	45/55	80/20
YJTD16	16mm	9000	50/50	75/25
YJTD18	18mm	10000	50/50	75/25
YJTD20	20mm	11000	50/50	75/25

Break loads shown are SPLICED breaks

Dyneema® SK78 Core with UV stabilized Polyester and Technora blend cover.

Option to coat the core with a urethane coating which includes Titanium dioxide particles to help improve cut resistance and abrasion plus increased UV protection. For extreme load applications, Technora's high char point of >500 degree's ensures longer life than standard polyester.

## PREMIER



**Vectran**

### VECTRAN® FIBER CORE / POLYESTER COVER

Product	Size	Spool	Approx B/Load (kg)	Weight /100mts (kg)
CJV620	2mm	100m	200	0.37
CJV630	3mm	100m	330	.66
YJV4	4mm	100m	650	1.3
YJV5	5mm	100m	1000	2.00
YJV6	6mm	100m	1700	2.9
YJV8	8mm	100m	3500	5.0
YJV10	10mm	100m	5000	7.6
YJV12	12mm	100m	6500	10.5
YJV14	14mm	100m	9000	15.5
YJV16	16mm	100m	10500	19.2
YJV18	18mm	100m	12000	23.6
YJV20	20mm	100m	13000	25.8
YJV22	22mm	100m	16000	27.9

Break loads shown are SPLICED breaks

Designed for the performance racer,

FINELINE™ Premier uses a liquid crystal polymer Vectran® core and 100% polyester high tenacity cover.

Features • 12 Carrier Vectran® core

• 24 Carrier 100% high tenacity polyester.

Applications - Low stretch and zero creep make vectran ideal for halyards and other fixed load applications.

## SOFT SHACKLES



Product	Size Core	Size	Eye	Approx B/Load (kg)	Weight (Grams)
SS3	3mm	170mm	45mm	1177	3.2
SS4	4mm	200mm	55mm	2923	6.5
SS5	5mm	250mm	65mm	4095	11.8
SS6	6mm	300mm	85mm	5321	31.1
SS8	8mm	400mm	95mm	6520	66.1

12 Carrier UHMWPE Soft shackle, Vectran core/polyester cover pull cord for easy release.

High Strength, low weight replacement for stainless steel shackles.

Soft shackles do not rust or seize up.

\* 6 & 8mm come with a protective sleeving.

# XTREME PERFORMANCE

**FINELINE**  
MARINE

## HIGH PERFORMANCE



COVERS



CORE – DYNICE 75

Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/Load (Ton)
YJX3	3.0mm	4.7	1.0
YJX4	4.0mm	6	2.0
YJX5	5.0mm	7.5	3.5
YJX6	6.0mm	8.8	4.2
YJX8	8.0mm	12	6.7
YJX10	10.0mm	15	10.7
YJX12	12.0mm	17.3	16.4
YJX14	14.0mm	20	21.8
YJX16	16.0mm	22.3	27.4

## POLYESTER COVER DYNICE CORE

Polyester cover - Choice of solid colour or fleck.

UV Stabilized.

Choice of Dynice 75 or Dynice DUX 75 core

NOTE Non Stock item - lower strength by 10% if spliced. Larger diameter on request.

\* See performance cores for Dynice specs

## XTREME PERFORMANCE / TECH



GRAND PRIX (GP)



PRO



CORE

Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/Load (Ton)	PRO TECH / POLY	GRAND PRIX TECH / POLY
YJTX3	3mm	4.7	1.0	N/A	75/25
YJTX4	4mm	6	2.0	N/A	80/20
YJTX5	5mm	7.5	3.5	N/A	75/25
YJTX6	6mm	8.8	4.2	50/50	75/25
YJTX8	8mm	12	6.7	50/50	80/20
YJTX10	10mm	15	10.7	55/45	75/25
YJTX12	12mm	17.3	16.4	55/45	75/25
YJTX14	14mm	20	21.8	50/50	75/25
YJTX16	16mm	22.3	27.4	50/50	80/20

**Technora**

## BLEND COVER DYNICE CORE

For extreme load applications, Technora's high melt point of >500 degree's ensures longer life than standard polyester.

Two different blend options ensures the right mix for your application.

NOTE Non Stock item - lower strength by 10% if spliced. Larger diameter on request.

\* See performance cores for Dynice specs

## XTREME PERFORMANCE / VECT



GRAND PRIX (GP)



PRO



CORE

Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/Load (Ton)	PRO TECH / POLY	GRAND PRIX TECH / POLY
YJVX3	3mm	4.7	1.0	N/A	75/25
YJVX4	4mm	6	2.0	N/A	80/20
YJVX5	5mm	7.5	3.5	N/A	75/25
YJVX6	6mm	8.8	4.2	50/50	75/25
YJVX8	8mm	12	6.7	50/50	80/20
YJVX10	10mm	15	10.7	55/45	75/25
YJVX12	12mm	17.3	16.4	55/45	75/25
YJVX14	14mm	20	21.8	50/50	75/25
YJVX16	16mm	22.3	27.4	50/50	80/20

## BLEND COVER DYNICE CORE

For extreme load applications, Vectran's high melt point of >280 degree's ensures longer life than standard polyester.

Two different blend options ensures the right mix for your application.

NOTE Non Stock item - lower strength by 10% if spliced. Larger diameter on request.

\* See performance cores for Dynice specs

# CORES

**FINELINE**  
MARINE

## FX



Product	Diameter (mm)	Approx B/Load (kg)	Weight /100mts (kg)
FX1 (D2)	1	240	.11
FX1.5 (D3)	1.5	300	.17
FX2 (D4)	2	600	.28
FX3 (D5)	3	850	.47
FX4 (D6)	4	1500	.80
FX5 (D7)	5	2000	1.2
FX6 (D8)	6	3300	1.94
FX7 (D10)	7	5108	2.5
FX8.5 (D12)	8.5	6600	3.62

Break loads shown are SPLICED breaks

## Dyneema® fiber CORE ONLY

12 carrier Dyneema® fiber SK78 braided core without cover.

Colour coated core that includes Titanium dioxide particles to help improve cut resistance and abrasion plus increased UV protection.

**Applications** - For use in sail making and structural systems, winch ropes and lashings.

## V SERIES Vectran®



Product	Diameter (mm)	Approx B/Load (kg)	Weight /100mts (kg)
V2	1.5mm	200	.15
V3	2.0mm	330	.23
V4	2.5mm	650	.38
V5	3.5mm	1000	.61
V6	4.5mm	1700	1.0
V8	6.5mm	3500	2.3
V10	8.0mm	5000	3.5
V12	10.0mm	6500	4.6
V14	12.0mm	9000	8.9
V16	14.0mm	10500	9.6
V18	16.0mm	12000	11.2
V20	18.0mm	13500	13.5
V22	20.0mm	16000	15.2

Break loads shown are SPLICED breaks

## VECTRAN®

12 or 16 carrier Vectran® without cover. For Use in sail making and structural systems where braid is not exposed to UV

**Applications** - Low stretch and zero creep make vectran ideal for halyards and other fixed load applications.

## DYNICE

**DYNICE**

**DYNICE**  
DUX



Lower strength by 10% if spliced.

Larger diameter on request.

### Weight & strength of 12 strand ropes

The ropes are impregnated with Duracoat to improve abrasion resistance and endurance.

Code	Diameter (mm)	Approx B/Load (Ton)	Weight /100mts (kg)
X1.1	1.1mm	130kg	76g
X1.7	1.7mm	209kg	146g
X2.1	2.1mm	340kg	232g
X2.5	2.5mm	425kg	316g
X2.6	2.6mm	640kg	350g
X3	3mm	1.0	.8
X4	4mm	2.0	1.10
X5	5mm	3.5	1.61
X6	6mm	4.2	2.3
X8	8mm	6.7	3.8
X10	10mm	10.7	6.1
X12	12mm	16.4	9.3
X14	14mm	21.8	12.5
X16	16mm	27.4	16

Code	Diameter (mm)	Approx B/Load (Ton)	Weight /100mts (kg)
XS5	5mm	4.8	2.27
XS7	7mm	7.5	3.75
XS9	9mm	10.9	5.4
XS11	11mm	16.6	8.3
XS13	13mm	22.8	11.2
XS15	15mm	28.8	14.4
XS16	16mm	37.2	18.6

### Pre-stretched braided rope with ultra high breaking strength

The Dynice Dux 75 is a new generation of ultra high performance ropes. It is far stronger than Dynice 75 by at least 20% up to 43% in the smaller diameters.

**Applications** - Halyards, runners, strops, high load purchase systems, Checkstays, Winch lines.

# SLEEVING

## PERFORMANCE

**FINELINE**<sup>®</sup>  
MARINE

### Dyneema<sup>®</sup> SLEEVING



Product	Size	Spool	Weight /100mts (kg)
CD706 +	6mm	n/a	.40
CD708 +	8mm	n/a	.80
CD710	10mm	n/a	1.05
CD712	12 mm	n/a	1.29
CD713 *	12 mm	n/a	1.24
CD714	14mm	n/a	1.93
CD715 *	14mm	n/a	1.90
CD716	16mm	n/a	2.53
CD717 *	16mm	n/a	2.33
CD720	20mm	n/a	3.00
CD725	25mm	n/a	2.91
CD732	32mm	n/a	4.40

### Dyneema<sup>®</sup> fiber

52 Carrier High performance Dyneema<sup>®</sup> fiber SK78 Tubular cover.

\* Loose Gearing

+ 32 Carrier

(CD710 Black 32 Carrier)

# Cut to length if required.

**Applications** - Chafe guard protection on spliced ends and high wear areas. Cover for uni stays.

### POLYESTER SLEEVING



Product	Size	Spool	Approx B/Load (kg)
CJ708 +	8mm	n/a	n/a
CJ710	10mm	n/a	n/a
CJ712	12mm	n/a	n/a
CJ713 *	12mm	n/a	n/a
CJ714	14mm	n/a	n/a
CJ715 *	14mm	n/a	n/a
CJ716	16mm	n/a	n/a
CJ717 *	16mm	n/a	n/a
CJ725*	25mm	n/a	n/a

### POLYESTER

52 Carrier 100% polyester UV stabilized.

High twist.

\* Loose pick

+ 32 Carrier

Available in Traditional and colours.

Non Stock item.

**Applications** - Low cost chafe guard.

### Technora<sup>®</sup> SLEEVING



Product	Size	Spool	Approx B/Load (kg)
CT708 +	8mm	n/a	n/a
CT710 +	10mm	n/a	n/a
CT712	12mm	n/a	n/a
CT713 *	12mm	n/a	n/a
CT714	14mm	n/a	n/a
CT715 *	14mm	n/a	n/a
CT716	16mm	n/a	n/a
CT717 *	16mm	n/a	n/a
CT725*	25mm	n/a	n/a

### Technora<sup>®</sup>

52 Carrier Technora sleeving

Heat Resistant

Highly abrasion resistant.

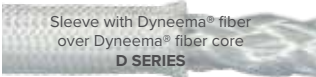
\* Loose pick

+ 32 Carrier

**Applications** - Chafe guard for high temperature applications.

## SLEEVING SIZE CHART

Indication only



To Cover Size (mm)	Sleeving Size Code	To Cover Size (mm)	Sleeving Code Code
4.0	CD706-708	14.0	CD715
5.0	CD708	16.0	CD716
6.0	CD708	18.0	CD717-720
8.0	CD710	20.0	CD720
10.0	CD712	22.0	CD725
12.0	CD713	24.0	CD725-732

To Cover Code	Sleeving Size Code	To Cover Size (mm)	Sleeving Code Code
D4/V4	CD704	D14/V14	CD713-714
D5/V5	CD704	D16/V16	CD715-716
D6/V6	CD706	D18/V18	CD716-717
D8/V8	CD708-710	D20/V20	CD720
D10/V10	CD710-712	D22/V22	CD725
D12/V12	CD712-713		

To Cover Code	Sleeving Size Code	To Cover Code	Sleeving Code Code
X3	CD704	XS5	CD708
X4	CD706	XS7	CD708-710
X5	CD708	XS9	CD710-712
X6	CD710	XS11	CD713
X8	CD712-713	XS13	CD714-715
X10	CD713-714		
X12	CD714-715		

### NOTES:

Please note this does not allow for covering of a splice.

Also, note due to the black factory coated Dyneema, the sleeving does not expand as much as the white when working with it.



**FINELINE**<sup>®</sup>  
high performance cordage

Dealer