

FINE LINE™



SPEC SHEET 2011

Pattern options



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

Construction Codes

Y	Yacht braid construction
C	Basic braid construction
R	Recovery - Factory overbraiding existing cores
RRJ	Replacement cover with internal mouseline

Material Codes

J	Polyester
P	Polypropylene
BK	Spun Polyester
N	Nylon
D	Dyneema [®] is a registered trade mark of Royal DSM N.V.
V	Vectran [®] is a registered trade mark of Kuraray America Ltd.
T	Technora [®] is a registered trade mark of Teijin BV.
X	Dynex 75 [®] is a registered trade mark of Hampidjan.
XS	Dynex DUX 75 [®] is a registered trade mark of Hampidjan.
A	Kevlar [®] is a registered trade mark of Du Point USA.
O	PBO Zylon [®] is a registered trade mark of Toyobo Co.

EXAMPLE

YJVBX12

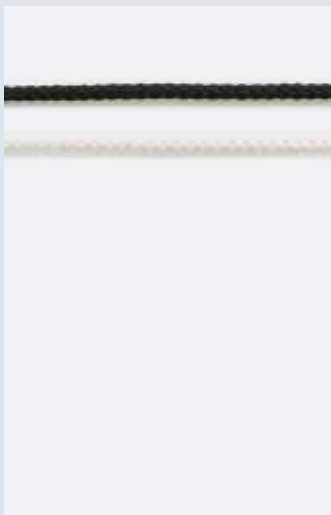
Y - Yacht braid construction
JV - Polyester & Vectran Blend
X - Dynex core
12.0mm diameter

* Information relating to specific fibre qualities can be found on our website under material properties. www.finelinemarine.co.nz

FINE LINE™

5 SERIES

Polyester



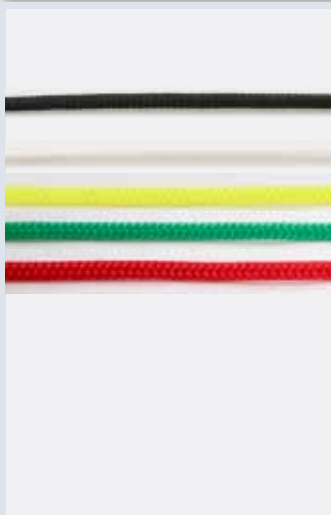
Product	Size	Spool	Approx B/ Load (kg)	Weight /100mts (kg)
CJ505	0.5mm	100/1000m	10	0.33
CJ510	1.0mm	100/1000m	35	0.10
CJ515	1.5mm	100/1000m	50	0.16
CJ520	2.0mm	100/1000m	100	0.27
CJ525	2.5mm	100/1000m	130	0.42
CJ530	3.0mm	100/300m	200	0.60
CJ535	3.5mm	100/500m	350	0.81
CJ540	4.0mm	100/300m	390	1.13
CJ545	4.5mm	100/400m	425	1.28
CJ550	5.0mm	100/300m	565	1.57
CJ560	6.0mm	100/200m	600	2.36
CJ565	6.5mm	100/200m	650	2.9

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

FINE LINE™

6 SERIES

Polyester



Product	Size	Spool	Approx B/ Load (kg)	Weight /100mts (kg)
CJ610	1.0mm	100/1000m	25	0.63
CJ615	1.5mm	100/1000m	50	0.16
CJ620	2.0mm	100/1000m	75	0.27
CJ623	2.3mm	100/1000m	123	0.36
CJ625	2.5mm	100/1000m	200	0.49
CJ630	3.0mm	100/500m	240	0.63
CJ635	3.5mm	100/500m	275	0.80
CJ640	4.0mm	100/300m	400	1.34
CJ645	4.5mm	100/300m	425	1.41
CJ650	5.0mm	100/300m	520	1.83
CJ660	6.0mm	100/200m	650	2.4
CJ670	7.0mm	100/200m	800	3.36

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

FINE LINE™

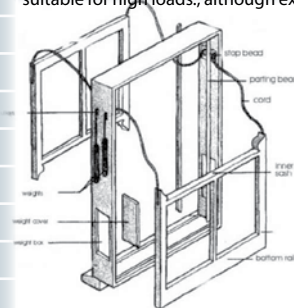
SASH CORD

Polyester




Product	Size	Spool	Weight /100mts (kg)
No.3 HL	3.0mm	150m	0.57
No.4 HL	3.5mm	150m	0.72
No.5	4.0mm	150m	1.20
No.5 HL	4.0mm	150m	1.21
No.6	6.0mm	150m	2.50
No.7	6.4mm	150m	2.84
No.8	7.0mm	150m	3.27
No.9	7.8mm	150m	4.11
No.10	9.0mm	100m	5.31

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.



GENERAL MARINE

FINE LINE™
HJ SERIES
Polyester



Product	Size	Spool	Weight /100mts (kg)
HJ8	8.0mm	100m	2.44
HJ10	10.0mm	100m	3.19
HJ12	12.0mm	100m	5.27
HJ14	14.0mm	100m	7.30
HJ20	20.0mm	100m	13.0

Braided high tenacity UV stabilised polyester without a core, perfect for horse/dog leads etc, and a low cost winch braid. White and colours on request. 500 mtrs available.

FINE LINE™
LITE LINE
Polypropylene



Product	Size	Spool	Approx B/ Load (kg)
YP6	6.0mm	100m	550
YP8	8.0mm	100m	750
YP10	10.0mm	100m	1200
YP12	12.0mm	100m	1500

100% multi filament polypropylene. Floating rope. Same construction as classic yacht braid.

FINE LINE™
LUFF CORD
Polyester



Product	Size	Spool	Weight /100mts (kg)
CJ632HL	3.2mm	500m	0.76
CJ640HL	4.0mm	300m	1.21
CJ648HL	4.8mm	300m	1.73
CJ657HL	5.7mm	300m	2.65
CJ664HL	6.4mm	300m	2.98
CJ680HL	8.0mm	200m	4.90
CJ910HL	10.0mm	200	
CJ913HL	13.0mm	100m	

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

Special sizes made to order.

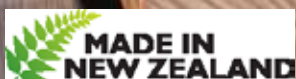
FINE LINE™
DOCK LINE
Nylon



Product	Size	Spool	Weight /100mts (kg)	Approx B/ Load (kg)
YN8	8.0mm	100m		
YN10	10.0mm	100m		
YN12	12.0mm	100m	9.05	2800
YN14	14.0mm	100m	12.5	4200
YN16	16.0mm	100m	15.3	6000
YN20	20.0mm	100m	22.0	7500

100% UV Stabilized nylon, black outer cover, high elongation, easy to splice and handle. Available in cut lengths on request for larger sizes.

* Tested with both ends spliced



FINE LINE™

SLEEVING

Dyneema®

Product	Size	Spool	Approx B/ Load (kg)	Weight /100mts (kg)	
CD710	10.0mm	100m	n/a	1.05	* Loose Gearing High performance Dyneema® SK75 HDPE Tubular cover. # Cut to length if required.
CD712	12.0mm	100m	n/a	1.29	
CD713 *	12.0mm	100m	n/a	1.24	
CD714	14.0mm	100m	n/a	1.93	
CD715 *	14.0mm	100m	n/a	1.88	
CD716	16.0mm	100m	n/a	2.53	
CD717 *	16.0mm	100m	n/a	2.33	
CD725	25.0mm	100m	n/a	2.91	
CD732	32.0mm	#	n/a	4.40	

FINE LINE™

SLEEVING

Polyester

Product	Size	Spool	Approx B/ Load (kg)	
CJ712	12.0mm	100m	n/a	* Loose pick 100% polyester UV stabilised. High twist.
CJ713 *	12.0mm	100m	n/a	
CJ714	14.0mm	100m	n/a	
CJ715 *	14.0mm	100m	n/a	
CJ716	16.0mm	100m	n/a	
CJ717 *	16.0mm	100m	n/a	
CJ725*	25.0mm	100m	n/a	



YACHTING - CRUSING

FINE LINE™

CLASSIC

Yacht Braids



Product	Size	Spool	Approx B/ Load (kg)	Weight /100mts (kg)
YJ4	4.0mm	100m *	220	1.16
YJ6	6.0mm	100m *	700	2.77
YJ8	8.0mm	100m *	1500	4.97
YJ10	10.0mm	100m *	2500	7.75
YJ12	12.0mm	100m *	3100	10.3
YJ14	14.0mm	100m *	4800	15.3
YJ16	16.0mm	100m *	6400	18.1
YJ18	18.0mm	100m	7000	23.6
YJ20	20.0mm	100m	7200	25.8
YJ22	22.0mm	100m	7400	29.2
YJ24	24.0mm	100m	8000	33.0

* Also available in bulk 200 - 400mtrs
4 - 12mm up to 400mtrs
14 - 16mm up to 200 mtrs

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, for use on most yachting applications such as sheets, halyards, downhauls, runners, reefing line and spinnaker guys.

FINE LINE™

TRADITIONAL

Yacht Braids



Product	Size	Spool	Approx B/ Load (kg)	Weight /100mts (kg)
YJ4	4.0mm	100m *	220	1.16
YJ6	6.0mm	100m *	700	2.77
YJ8	8.0mm	100m *	1500	4.97
YJ10	10.0mm	100m *	2500	7.75
YJ12	12.0mm	100m *	3100	10.3
YJ14	14.0mm	100m *	4800	15.3
YJ16	16.0mm	100m *	6400	18.1
YJ18	18.0mm	100m *	7000	23.6
YJ20	20.0mm	100m *	7200	25.8
YJ22	22.0mm	100m *	7400	29.2
YJ24	24.0mm	100m *	8000	33.0

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 one colour fleck.

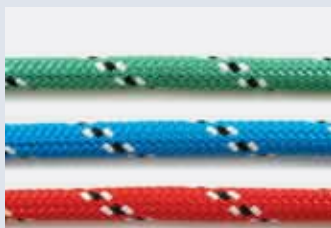
* Lower levels held of stock, manufactured to order.



FINE LINE™

ADVANTAGE

Dyneema® Core - Poly Cover



Product	Size	Spool	Approx B/ Load (kg)	Weight /100mts (kg)
CJD620	2.0mm	100m	200	0.36
CJD630	3.0mm	100m	300	0.60
CJD640	4.0mm	100m	480	1.2
CJD650	5.0mm	100m	800	1.6
YJD6	6.0mm	100m	1400	2.7
YJD8	8.0mm	100m	2500	4.65
YJD10	10.0mm	100m *	4100	6.8
YJD12	12.0mm	100m *	5500	11.0
YJD14	14.0mm	100m *	8000	13.5
YJD16	16.0mm	100m *	9000	
YJD18	18.0mm	100m *	10000	
YJD20	20.0mm	100m *	11000	
YJD22	22.00mm	100m *		26.0

High performance Dyneema® SK75 HDPE core and 100% high tenacity polyester cover. Double braid construction with high strength and low stretch.

- All available in bulk reels
- Available in traditional colour

* These sizes made to required lengths.

FINE LINE™

PREMIER

Vectran® Core - Poly Cover



Product	Size	Spool	Approx B/ Load (kg)	Weight /100mts (kg)
CJV620	2.0mm	100m	200	0.37
CJV630	3.0mm	100m	330	.66
CJV640	4.0mm	100m	570	1.3
CJV650	5.0mm	100m	700	2.00
YJV6	6.0mm	100m	1750	2.9
YJV8	8.0mm	100m	3500	5.0
YJV10	10.0mm	100m	5500	7.6
YJV12	12.0mm	100m	6500	10.5
YJV14	14.0mm	100m	9000	15.5
YJV16	16.0mm	100m	10500	19.2
YJV18	18.0mm	100m	11000	23.6
YJV20	20.0mm	100m	13000	25.8
YJV22	22.0mm	100m		

Designed for the performance racer, FINELINE™ Premier uses a liquid crystal polymer Vectran® core and 100% polyester high tenacity cover.

- Features • 16 Carrier Vectran® core
- 24 Carrier 100% high tenacity polyester.

* These sizes made to required lengths.



YACHTING - ULTRA PERFORMANCE

ULTRA PERFORMANCE

Polyester Cover
DYNEX® Core

Dynex 75

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

Covers



Cores



DYNEX 75
or
DYNEX DUX 75

Polyester cover - Choice of solid colour or fleck.
UV Stabilised.

Choice of Dynex 75 or Dynex DUX 75 core

NOTE Non Stock item - lower strength by 10% if spliced.

Larger diameter on request.

Dynex DUX 75

Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/ Load (Ton)
YJXS7	7.0		7.5
YJXS9	9.0		10.9
YJXS11	11.0		16.6
YJXS13	13.0		22.8
YJXS15	15.0		28.8
YJXS16	16.0		37.2

* See performance cores for Dynex specs

FINE LINE™

XTREME PERFORMANCE

For extreme load applications, high melt point ensures longer life than standard polyester. 80% Vectran® or 80% Technora® with 20% Polyester blended jacket.

16 carrier Vectran® core. * Approx % Varies with different sizes. Note - Non stock item

Vectran®/Poly Cover Vectran® Core

Product	Size	Approx B/ Load (kg)
YJVV8	8.0mm	3500
YJVV10	10.0mm	5500
YJVV12	12.0mm	6500
YJVV14	14.0mm	9000
YJVV16	16.0mm	10500
YJVV18	18.0mm	11000
YJVV20	20.0mm	13000

Covers



Core

Technora®/Poly Cover Vectran® Core

Product	Size	Approx B/ Load (kg)
YJTV8	8.0mm	3500
YJTV10	10.0mm	5500
YJTV12	12.0mm	6500
YJTV14	14.0mm	9000
YJTV16	16.0mm	10500
YJTV18	18.0mm	11000
YJTV20	20.0mm	13000

FINE LINE™

XTREME PERFORMANCE

For extreme load applications, high melt point ensures longer life than standard polyester. 80% Vectran® or 80% Technora® with 20% Polyester blended jacket.

16 carrier SK75 Dyneema® core. * Approx % Varies with different sizes. Note - Non stock item - SK78 also available.

Vectran®/Poly Cover Dyneema® Core

Product	Size	Approx B/ Load (kg)
YJVD8	8.0mm	2500
YJVD10	10.0mm	4100
YJVD12	12.0mm	5500
YJVD14	14.0mm	9000
YJVD16	16.0mm	10500
YJVD18	18.0mm	10000
YJVD20	20.0mm	11000

Covers



Core

Technora®/Poly Cover Dyneema® Core

Product	Size	Approx B/ Load (kg)
YJTD8	8.0mm	2500
YJTD10	10.0mm	4100
YJTD12	12.0mm	5500
YJTD14	14.0mm	9000
YJTD16	16.0mm	10500
YJTD18	18.0mm	10000
YJTD20	20.0mm	11000



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

XTREME PERFORMANCE

Vectran® Blend Cover
DYNEX® Core

Dynex 75

Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/ Load (Ton)
YJVX3	3.0		1.0
YJVX4	4.0		2.0
YJVX5	5.0		3.5
YJVX6	6.0		4.2
YJVX8	8.0		6.7
YJVX10	10.0		10.7
YJVX12	12.0		16.4
YJVX14	14.0		21.8
YJVX16	16.0		27.4

Covers



Cores



**DYNEX 75
or
DYNEX DUX 75**

For extreme load applications, high melt point ensures longer life than standard polyester. 80% Vectran® and 20% Polyester blended jacket.

Choice of Dynex 75 or Dynex DUX 75 core

NOTE Non Stock item - lower strength by 10% if spliced.

Larger diameter on request.

Dynex DUX 75

Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/ Load (Ton)
YJVXS7	7.0		7.5
YJVXS9	9.0		10.9
YJVXS11	11.0		16.6
YJVXS13	13.0		22.8
YJVXS15	15.0		28.8
YJVXS16	16.0		37.2

* See performance cores for Dynex specs

XTREME PERFORMANCE

Technora® Blend Cover
DYNEX® Core

Dynex 75

Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/ Load (Ton)
YJTX3	3.0		1.0
YJTX4	4.0		2.0
YJTX5	5.0		3.5
YJTX6	6.0		4.2
YJTX8	8.0		6.7
YJTX10	10.0		10.7
YJTX12	12.0		16.4
YJTX14	14.0		21.8
YJTX16	16.0		27.4

Covers



Cores



**DYNEX 75
or
DYNEX DUX 75**

For extreme load applications, high melt point ensures longer life than standard polyester. 80% Technora® and 20% Polyester blended jacket.

Choice of Dynex 75 or Dynex DUX 75 core

NOTE Non Stock item - lower strength by 10% if spliced.

Larger diameter on request.

Dynex DUX 75

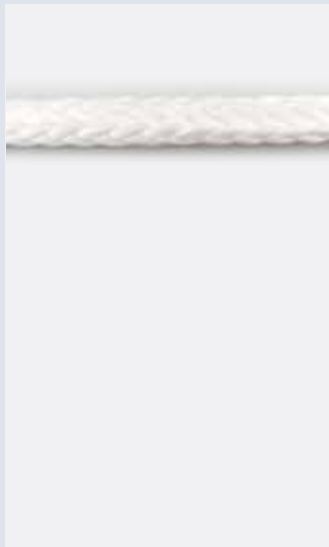
Code	Internal Diameter Core (mm)	External Diameter (mm)	Approx B/ Load (Ton)
YJTXS7	7.0		7.5
YJTXS9	9.0		10.9
YJTXS11	11.0		16.6
YJTXS13	13.0		22.8
YJTXS15	15.0		28.8
YJTXS16	16.0		37.2

* See performance cores for Dynex specs



CORES - PERFORMANCE

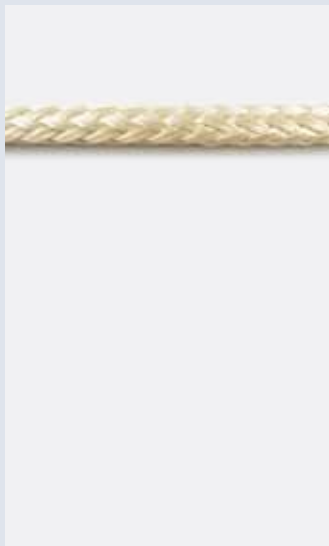
FINE LINE™ D SERIES Dyneema® Core only



Product	Diameter (mm)	Approx B/ Load (kg)	Weight /100mts (kg)
D2	1.5	200	.12
D3	2	300	.14
D4	2.5	480	.32
D5	3.5	800	.5
D6	4.5	1400	1
D8	6.5	2500	1.9
D10	8	4100	2.8
D12	10	5500	4.0
D14	12	8000	5.8
D16	14	9000	6.4
D18	16	10000	7.2
D20	18	11000	8.6
D22	20		9.2

16 carrier Dyneema without cover. For Use in sailmaking and structural systems where braid is not exposed to U.V

FINE LINE™ V SERIES Vectran®



Product	Diameter (mm)	Approx B/ Load (kg)	Weight /100mts (kg)
V2	1.5	200	.15
V3	2.0	240	.23
V4	2.5	570	.38
V5	3.5	700	.61
V6	4.5	1750	1.0
V8	6.5	3500	2.3
V10	8.0	5500	3.5
V12	10.0	6500	4.6
V14	12.0	9000	8.9
V16	14.0	10500	9.6
V18	16.0	11000	11.2
V20	18.0	13500	18.3
V22	20.0		

16 carrier Vectran without cover. For Use in sailmaking and structural systems where braid is not exposed to U.V

Dynex 75® DYNEX Dynex DUX 75®

Weight & strength of 12 strand ropes

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

Code	Diameter (mm)	Weight per 100mtrs	Approx B/ Load (Ton)
X3	3.0	0.8	1.0
X4	4.0	1.10	2.0
X5	5.0	1.61	3.5
X6	6.0	2.30	4.2
X8	8.0	3.80	6.7
X10	10.0	6.10	10.7
X12	12.0	9.30	16.4
X14	14.0	12.5	21.8
X16	16.0	16.0	27.4

Lower strength by 10% if spliced.
Larger diameter on request.



**DYNEX 75
or
DYNEX DUX 75**

Pre-stretched braided rope with ultra high breaking strength

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

Code	Diameter (mm)	Weight per 100mtrs	Approx B/ Load (Ton)
XS7	7.0	3.75	7.5
XS9	9.0	5.4	10.9
XS11	11.0	8.3	16.6
XS13	13.0	11.2	22.8
XS15	15.0	14.4	28.8
XS16	16.0	18.6	37.2

FINE LINE™ RECOVERY BLENDS

BLEND OPTIONS

POLYESTER



Polyester

Product	Size
RJ8	8.0mm
RJ10	10.0mm
RJ12	12.0mm
RJ14	14.0mm
RJ16	16.0mm
RJ18	18.0mm
RJ20	20.0mm

VECTRAN - POLYESTER



Vectran®/Polyester Blend

Product	Size
RJV8	8.0mm
RJV10	10.0mm
RJV12	12.0mm
RJV14	14.0mm
RJV16	16.0mm
RJV18	18.0mm
RJV20	20.0mm

TECHNORA - POLYESTER



Technora®/Polyester Blend

Product	Size
RJT8	8.0mm
RJT10	10.0mm
RJT12	12.0mm
RJT14	14.0mm
RJT16	16.0mm
RJT18	18.0mm
RJT20	20.0mm

REPLACEMENT

For the rigger or ordered as a spare replacement with the original line, covers can be “milked” on over cores and come with a polyester mouse line.



TECHNORA - POLYESTER



Technora®/Polyester Blend

Product	Size
RRJT8	8.0mm
RRJT10	10.0mm
RRJT12	12.0mm
RRJT14	14.0mm