



SHADETEX SAILS

SUPERIOR SUN SHADE

EDITION 7

SHADE SAILS + ACCESSORIES
PRODUCT CATALOGUE



MONOTEC 370

DOMINO BLACK



SHADETEX SAILS
SUPERIOR SUN SHADE

Welcome to Shadetex Sails edition 7 product catalogue

Shadetex Sails® offer a range of shade sails and accessories which are the result of over ten years of research and development in the shade industry. With industry best products and guarantees, and exclusive fabrics, the shade products we provide ensure that your return on investment is maximised. Both standard and custom shapes and sizes are available, enabling us to supply you with a product which will completely meet and satisfy your shade requirements.

Experience Matters

When it comes to shade sail manufacture, nothing is more valuable than the precision and skill gained from years of experience in the industry—and NuRange Products have exactly that. Several generations of sailmakers and combined experience of more than 100 years of shade sail manufacturing experience have come together to create a team with the skills and abilities to take on any project and complete it to the highest level of quality.

www.shadetex.com



“We have dealt with Shadetex Sails for many years for both their ready-made and custom-made shade sails as well as for various other parts. They provide a great range of product items and sizes and can be considered a one-stop shop for shade sails. We have found them to be most helpful and efficient in fulfilling our orders and we look forward to continuing our relationship with them in the future.”

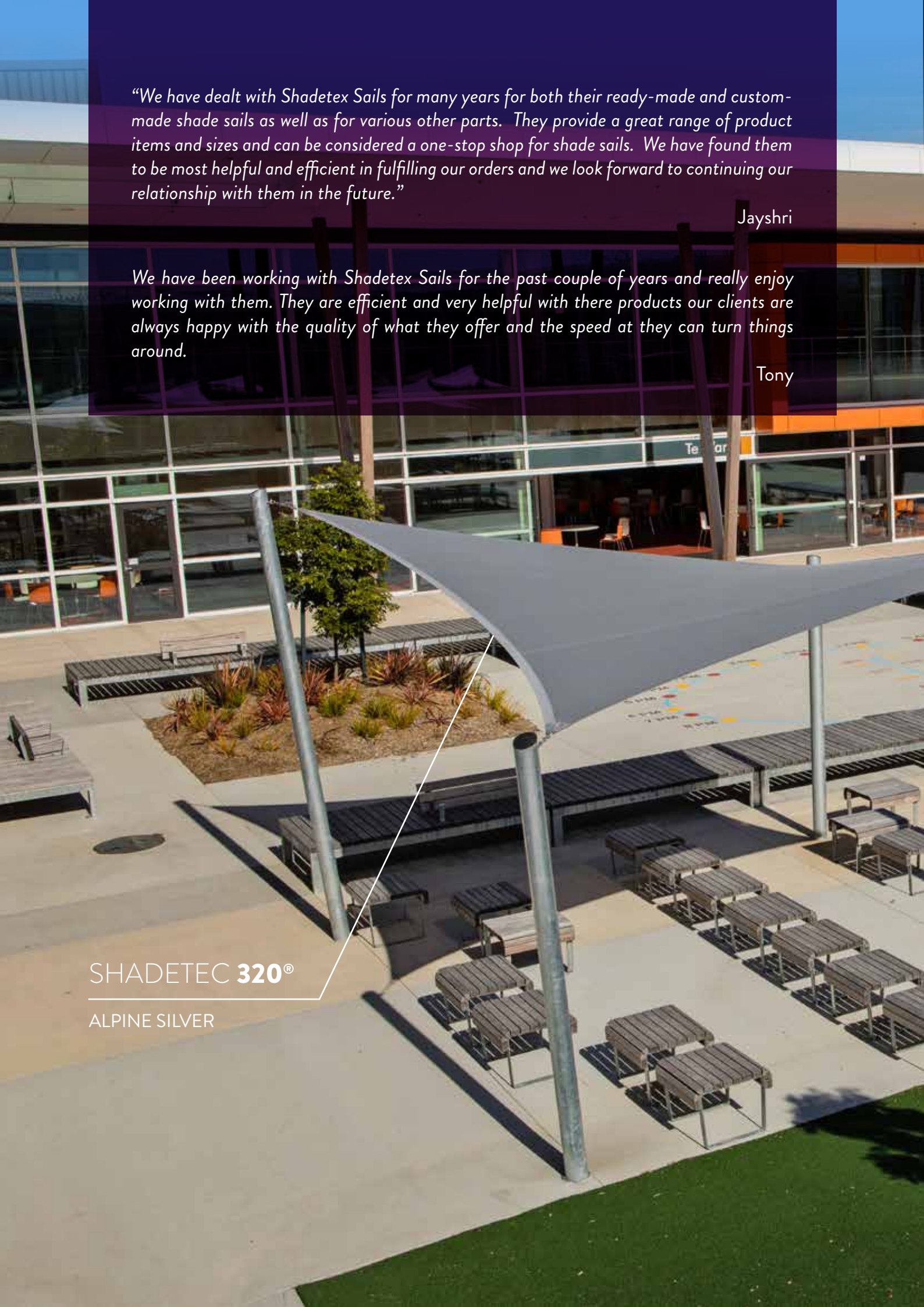
Jayshri

We have been working with Shadetex Sails for the past couple of years and really enjoy working with them. They are efficient and very helpful with there products our clients are always happy with the quality of what they offer and the speed at they can turn things around.

Tony

SHADETEC 320®

ALPINE SILVER



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We trust you find this catalogue informative, easy to use and look forward to being of service to you.



SHADETEX SAILS
SUPERIOR SUN SHADE

SHADETEC 320®

OCEAN BLUE

SUNSHINE YELLOW

MEADOW GREEN



SHADETEX SAILS
SUPERIOR SUN SHADE

FABRIC SPECIFICATIONS

When you invest in a shade sail - quality matters. Low prices are no use if the things you buy don't last, so we are here to ensure your return on investment is maximised. The fabrics used in Shadetex Sails may not be the cheapest on the market, but they do have the best guarantees in the industry, and will last for much longer than alternatives that are available.

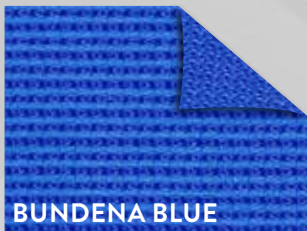
This section gives you an overview of the specifications of our most commonly used fabrics.

MONOTEC 370	7-8
MONOTEC 370 FR	9-10
EXTRABLOCK 330	11-12
SHADETEC 320®	13-14

Other fabrics also available on request.



Shade Factor % (SF depends on colour - see below for details)	70.9 - 88.4
UVR Block %	84.1 - 88.5
Av PAR Transmittance	70.9 - 88.4
Roll Width	6.5m & 3.25m
The strongest shade mesh on the market	



SF=83.2 %



SF=70.9%



SF=72.5 %



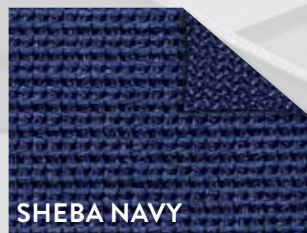
SF=87.0%



SF=82.6 %



SF=83.1 %



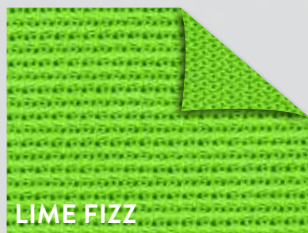
SF=86.9 %



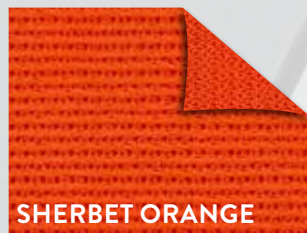
SF=86.1 %



SF=88.4 %



SF=84.3 %



SF=79.4%



SF=83.6 %



SF=84.7 %



SF=74.7 %



SF=82.8 %

Colours shown indicative only.

FEATURES



Introducing the strongest shade mesh on the market! Monotec 370 has been specifically developed for ultimate sun protection and longevity. This means your shade structure maintains its usefulness and remains looking great for years longer than those made with other fabrics. Also, as the widest shade cloth available, your Monotec 370 sail or structure is more aesthetically pleasing due to the reduction of unattractive seams.

Developed in Australia, Monotec 370 is 100% Australian owned and made. Manufactured using only the highest quality raw materials, you can be assured that the fabric is engineered to outlast other products. Monotec 370 can be used in virtually any situation where high UV protection is required. When you need top tier sun protection, look no further than Monotec 370.

- ✓ Premium grade fabric – the strongest shade mesh available
- ✓ Ideal for larger sails and structures
- ✓ Up to 90% shade offered
- ✓ 15 year warranty – best in the industry!
- ✓ Stain, dirt and grime resistant
- ✓ Extra wide fabric (6.5m) so seams in sails are kept to a minimum
- ✓ Available in 15 designer colours
- ✓ Eco-friendly - 100% recyclable

MONOTEC 370 Series is supported by a 15 Year Under Tension Warranty.



ENGINEERING SPECIFICATIONS



Breaking Force Warp (AS2002.3.1-2001)	1433N/50mm
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Breaking Force Weft (AS2002.3.1-2001)	2210N/50mm
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Elongation at Break Warp	97.9%
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Elongation at Break Weft	73.5%
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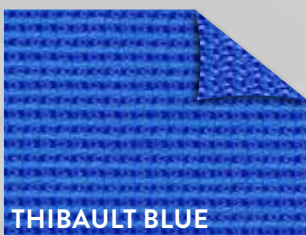
Bursting Pressure (AS 2001.2.4-16990)	4750kPa
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Bursting Force (AS 2001.2.19-1988 Mean)	3011N
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MONOTEC 370 FR

FABRIC SPECIFICATIONS

Shade Factor % (SF depends on colour - see below for details)	70.9 - 88.4
UVR Block %	84.7 - 88.5
Av PAR Transmittance	1.7 - 29.5
Roll Width	3.25m
FRAS1530.2	Flammability 1, Spread factor 0, Heat factor 1
FR AS1530.3	Ignitability 12, Spread of flame 8, Heat evolved 7, Smoke developed 7
CSFM	Complies with California State Marshal requirements, Titled 19, Section 1237.1 (1993)
NFPA	Passed NFPA 701, After-flame 0.0s, Drip burn 0.0s



THIBAULT BLUE

SF=83.2%



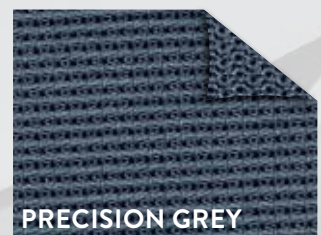
SUMMIT CREAM

SF=70.9%



SOUTHERN SAND

SF=72.5%



PRECISION GREY

SF=87.0%



TERRACOTA MERONE

SF=82.6%



SHEBA BLUE

SF=86.9%



SPARTAN GREEN

SF=86.1%



DOMINO BLACK

SF=88.4%

FIRE RETARDANT

FR signifies this product is Flame Retardant. Shadetex Sails is proud to introduce the Monotec 370 Series FR, a flame retardant, heavy-duty commercial grade knitted shade cloth. As with all Monotec fabrics, the 370 FR Series shade cloth is manufactured using only the highest quality FR additives and UV stabilised HDPE to ensure a superior product. With its unique knit construction and 100% round monofilament yarn, Monotec 370 Series FR is the strongest Flame Retardant shade cloth on the market!

Engineered to pass the industry's most stringent Fire Retardancy tests including California State Fire Marshall Title 19, NFPA 701 and Class A Rating for ASTM E84.



Colours shown indicative only.

FEATURES



Introducing the strongest shade mesh on the market! Monotec 370 FR has been specifically developed for ultimate sun protection and longevity. This means your shade structure maintains its usefulness and remains looking great for years longer than those made with other fabrics. Also, as the widest shade cloth available, your Monotec 370 FR sail or structure is more aesthetically pleasing due to the reduction of unattractive seams.

Developed in Australia, Monotec 370 FR is 100% Australian owned and made. Manufactured using only the highest quality raw materials, you can be assured that the fabric is engineered to outlast other products. Monotec 370 FR can be used in virtually any situation where high UV protection is required. When you need top tier sun protection, look no further than Monotec 370 FR.

- ✓ Tested to Australian Standards AS1530.2 and AS1530.3
- ✓ Passed Californian State Fire Marshall Title 19,1237.1 (1993)
- ✓ Ideal for larger sails and structures
- ✓ Up to 90% shade offered
- ✓ 10 year warranty – best in the industry!
- ✓ Stain, dirt and grime resistant
- ✓ Available in 8 designer colours
- ✓ Eco-friendly - 100% recyclable

MONOTEC 370 FR Series is supported by a 10 year ‘under tension’ warranty.



ENGINEERING SPECIFICATIONS

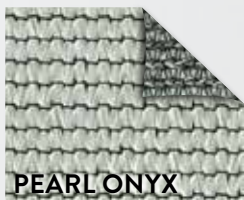


Breaking Force Warp (AS2002.3.1-2001)	1433N/50mm
Breaking Force Warp (AS2002.3.1-2001)	2210N/50mm
Elongation at Break Warp	97.9%
Elongation at Break Weft	73.5%
Bursting Pressure (AS 2001.2.4-16990)	4750kPa
Bursting Force 3011N (AS 2001.2.19-1988 Mean)	3011N

EXTRABLOCK 330

FABRIC SPECIFICATIONS

Shade Factor % (SF depends on colour - see below for details)		81 - 97
UVR Block %		96 - 98
UPF (UV Protection Factor)		21 - 41
Roll Width		3.0m
FRAS1530.2	Flammability 1, Spread Factor 0, Heat Factor 1	
FR AS1530.3	Ignitability 13, Spread of Flame 7, Heat Evolved 2, Smoke 5	
CSFM	Complies with California State Marshals requirements, Title 19, Section 1237	



PEARL ONYX

FR



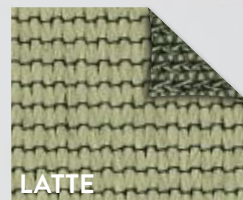
CREAM

SF=81%



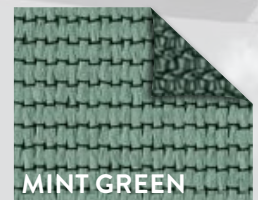
BEIGE

SF=87%



LATTE

SF=80%



MINT GREEN

FR

SF=93%

FR



PERSIAN GREEN

FR



FOREST GREEN

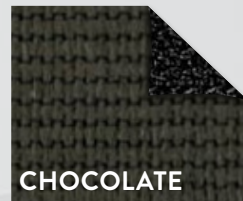
SF=93%

FR



OLIVE GREEN

FR



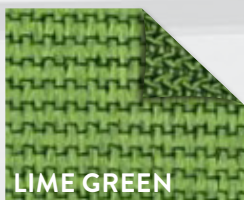
CHOCOLATE

FR



DOVE BLUE

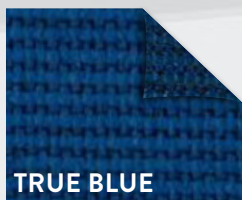
FR



LIME GREEN

SF=86%

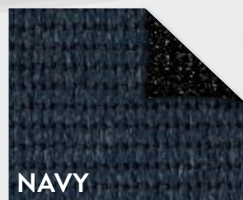
FR



TRUE BLUE

SF=95%

FR



NAVY

SF=95%

FR



SILVER

SF=98%

FR



CHARCOAL

SF=92%

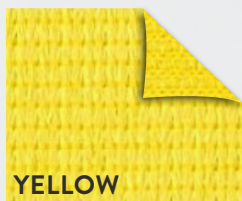
FR



MIDNIGHT

SF=97%

FR



YELLOW

SF=75%



RED

SF=88%



SUNBLAZE

SF=95%

FR



OXIDE RED

SF=88%

FR



PURPLE

SF=88%

FR



FIRE RETARDANT

Cream, Beige, Yellow and Red are not FR. Colours shown indicative only.

FEATURES



The EXTRABLOCK range of knitted shade fabric has been specifically designed for use in tension structures and shade sails, but performs equally well when used on carpark structures, awnings and umbrellas.

EXTRABLOCK is one of the worlds best FR rated shade cloths. It meets the California State Fire Marshall test for title 19. This is widely recognised as the most difficult FR test to meet and EXTRABLOCK gets a new certificate every year!

EXTRABLOCK is a very dimensionally stable shade cloth with very similar biaxial strengths and extensions in both directions.

EXTRABLOCK has a 12 year warranty against UV breakdown. Peace of mind for you and your clients.

- ✓ High Strength fabric
- ✓ Controlled Elongation
- ✓ Maximum protection with up to 98% shade
- ✓ Excellent Dimensional Stability
- ✓ 10 Year Warranty
- ✓ Fire retardancy rated
- ✓ Heat set (stentered)
- ✓ Will not rot or support the development of mould and mildew
- ✓ Breathable, allowing air circulation for cooling



ENGINEERING SPECIFICATIONS



Breaking Force Warp
(AS2001.2.3.2-2001 Grab Method) **979N**

Breaking Force Weft
(AS2002.3.1-2001) **1228N**

Elongation at Break Warp **67%**

Elongation at Break Weft **57%**

Bursting Strength
(AS 2001.2.4-1990) **3000kPa**

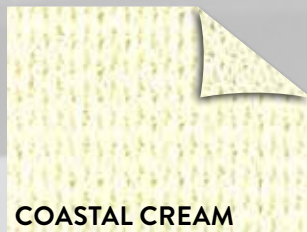
Tear Resistance Warp
(AS2001.2.10-1986) **157N**

Tear Resistance Weft
(AS2001.2.10-1986) **170N**

Shade Factor % (SF depends on colour - see below for details)	75-97 %
UVR Block %	91-95 %
Roll Width	3.7m
Roll Length	50m
Heat set to increase dimensional stability and consistency	
Abrasion resistant yarn	



SF=75%



SF=77%



SF=87%



SF=94%



SF=95%



SF=93%



SF=96%



SF=92%



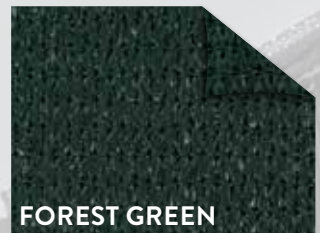
SF=80%



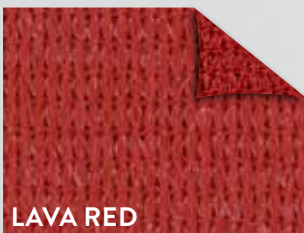
SF=97%



SF=91%



SF=95%



SF=91%



SF=90%

Colours shown indicative only.

FEATURES



Shadetec 320® is a commercial grade shade cloth fabric manufactured from High Density Polyethylene (HDPE) monofilament and tape filament. All filament (or yarn) is lockstitch knitted together providing a very high strength fabric. Shadetec 320® is then heat set, which improves dimensional stability and consistency and ensures that the mesh will lie flat during fabrication.

Shadetec 320® is ideal for small to medium size applications where a premium grade shade fabric is required. Each colour in the range consists of single colour filaments, which provides consistent colour tone and texture throughout the entire roll.

Shadetec 320® not only offers a very high level of UV protection with 91% - 95% block, but is made from UV stabilised materials, ensuring that the fabric of your shade sails will continue to perform even after years of exposure to the elements. The super tough abrasion resistant yarn means excellent durability and longevity with great resistance to grime, mildew and dirt.

- ✓ High strength fabric
- ✓ Ideal for smaller residential shade sails
- ✓ Up to 97% shade offered
- ✓ 13 year warranty
- ✓ Stain, dirt and grime resistant
- ✓ Available in 14 colours
- ✓ Single colour filaments ensure consistent colour tone
- ✓ Eco-friendly - 100% recyclable

SHADETEC 320® fabric is covered with a 13 year UV warranty.



ENGINEERING SPECIFICATIONS



Breaking Force Warp (AS 2001.2.3.2-2001 Grab Method)	1224N
Breaking Force Weft (AS 2001.2.3.2-2001 Grab Method)	1601N
Elongation at Break Warp	94%
Elongation at Break Weft	50%
Bursting Force (AS 2001.2.4 Ball Bursting Method)	1973N
Tear Strength Warp (AS 2001.2.10.C.R.E, Wing rip Tear Method)	195N
Tear Strength Weft (AS 2001.2.10.C.R.E, Wing rip Tear Method)	247N

SHADETEC 320®

LAVA RED



SHADETEX SAILS

SUPERIOR SUN SHADE

CUSTOM MADE SHADE SAILS

- ✓ Bespoke range – made to fit any space perfectly
- ✓ Cover any area of any size with ease
- ✓ Largest range of colours, shapes and sizes on the market
- ✓ Industry best materials warranties
- ✓ Design recommendations and suggestions offered to ensure an exact fit

Custom Series Shade Sails are a specialist product and are best installed by experienced personnel.

WEBBING EDGE - MONOTEC 370	19
WEBBING EDGE - MONOTEC 370 FR	20
WEBBING EDGE - EXTRABLOCK 330	21
WEBBING EDGE - SHADETEC 320®	22
WIRE EDGE - MONOTEC 370	25
WIRE EDGE - MONOTEC 370 FR	26
WIRE EDGE - EXTRABLOCK 330	27
WIRE EDGE - SHADETEC 320®	28

CUSTOM SERIES

CUSTOM MADE SHADE SAILS

WEBBING EDGE

This design is incredibly strong and the webbing style edges and corner configuration means that there is absolute minimal wear and tear. All edge lengths are preset during manufacture; this makes installation very fast and simple.



KEY BENEFITS

SUPER STRONG WEBBING

- UV resistant polyester multi strand webbing
- Super strong with a 30kN Breaking Load
- Made to our specific requirements for superior performance
- Ultimate for coastal conditions



PTFE SEWING THREAD



- Guaranteed to last the life of the fabric
- Maintains the strength of the seam, even under the harshest outdoor conditions
- Does not deteriorate, burst or break, despite years of exposure to weather and extreme temperatures

STAINLESS HARDWARE

- Marine grade 316 Stainless Steel
- Highly Rust Resistant
- Polished finish



OPTIONS FOR YOU

SUSPENDED MID-POINT (KISSING POINT)



Suspended mid-points are great when there are two shade sails side by side. By simply connecting to each other they can provide extra shade by closing the gap between sails without using an extra pole.

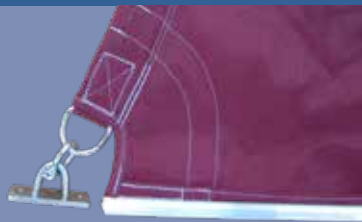
MIXED COLOURS



You can choose to use two or more colours for your shade sail – a great way to add some variety and enhance the aesthetics of your sail.*

*Surcharge applies

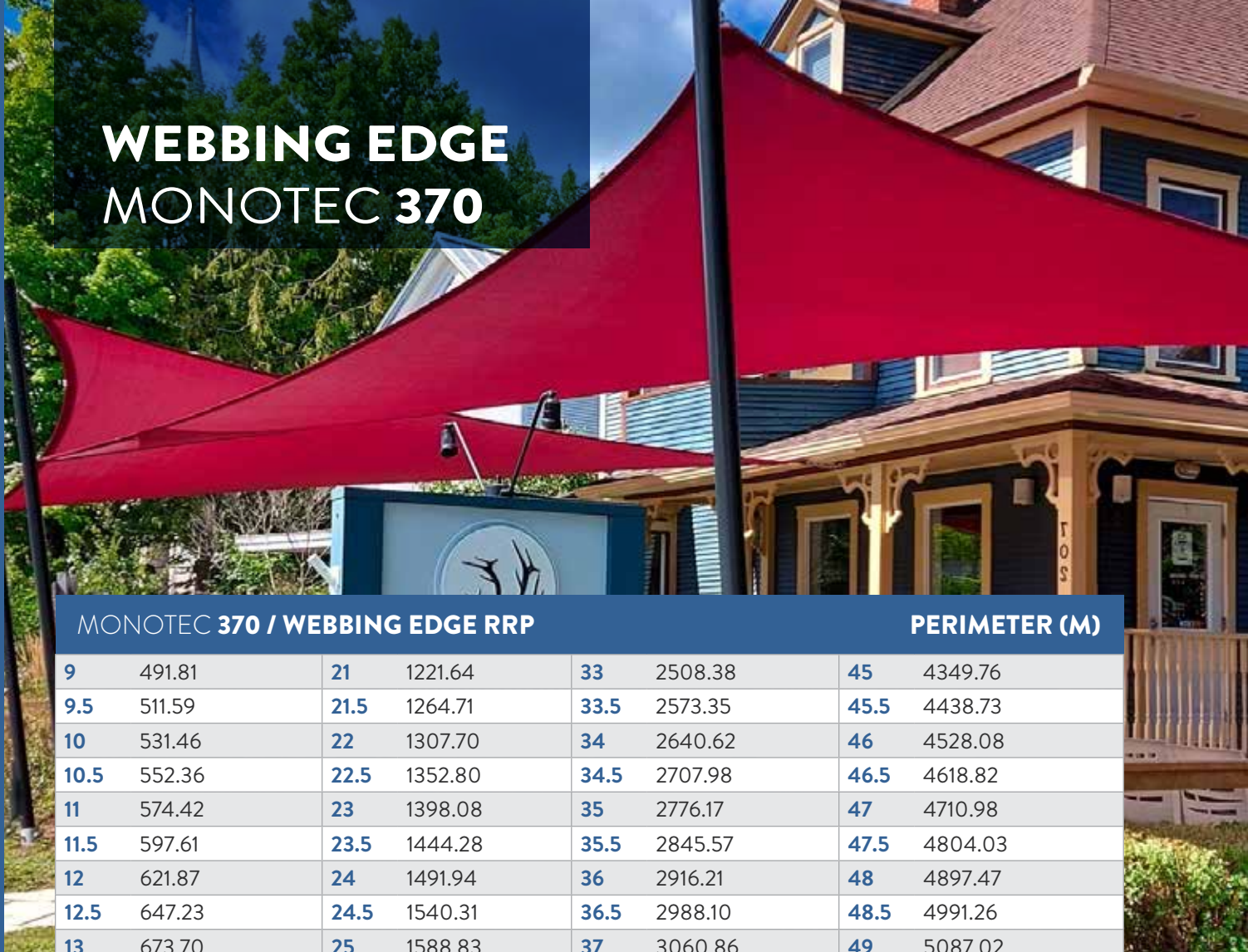
TRACK EDGE



Track Edged are ideal for when you want or need to fill in that shade sail curve that is usually space, with shade. Great for along walls or under eaves .
(note the track must run along a solid surface).



WEBBING EDGE MONOTEC 370



MONOTEC 370 / WEBBING EDGE RRP

PERIMETER (M)

9	491.81	21	1221.64	33	2508.38	45	4349.76
9.5	511.59	21.5	1264.71	33.5	2573.35	45.5	4438.73
10	531.46	22	1307.70	34	2640.62	46	4528.08
10.5	552.36	22.5	1352.80	34.5	2707.98	46.5	4618.82
11	574.42	23	1398.08	35	2776.17	47	4710.98
11.5	597.61	23.5	1444.28	35.5	2845.57	47.5	4804.03
12	621.87	24	1491.94	36	2916.21	48	4897.47
12.5	647.23	24.5	1540.31	36.5	2988.10	48.5	4991.26
13	673.70	25	1588.83	37	3060.86	49	5087.02
13.5	700.20	25.5	1639.45	37.5	3133.64	49.5	5184.22
14	728.76	26	1690.22	38	3208.52	50	5281.24
14.5	757.50	26.5	1742.01	38.5	3283.42		
15	787.26	27	1796.02	39	3359.60	CORNERS	
15.5	818.12	27.5	1850.19	39.5	3436.64		
16	850.16	28	1905.13	40	3514.98	3	204.75
16.5	883.27	28.5	1960.52	40.5	3594.19	4	273.00
17	917.35	29	2017.62	41	3673.82	5	341.25
17.5	951.47	29.5	2076.15	41.5	3755.23	6	409.50
18	987.98	30	2134.49	42	3837.05	7	477.75
18.5	1024.40	30.5	2194.27	42.5	3920.69	8	546.00
19	1061.72	31	2254.85	43	4004.74	9	614.25
19.5	1100.41	31.5	2316.57	43.5	4089.19	10	682.50
20	1140.09	32	2379.45	44	4175.49	11	750.75
20.5	1180.80	32.5	2443.15	44.5	4262.68	12	819.00

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19m$$

19m =	\$1,061.72
Plus 4 corners	\$273.00
Total	\$1,334.72

NOTE 1: Standard 50mm Webbing included in price above.
50mm Webbing (30kN BL)
40mm Webbing (20kN BL) available on request

NOTE 2: The details mentioned above are for standard shade sails.
Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 7 for colour choice

WEBBING EDGE MONOTEC 370 FR



MONOTEC 370 FR / WEBBING EDGE RRP					PERIMETER (M)		
9	524.85	21	1404.77	33	2958.07	45	5187.72
9.5	548.04	21.5	1455.52	33.5	3037.61	45.5	5294.52
10	573.35	22	1508.29	34	3118.18	46	5403.42
10.5	598.66	22.5	1562.42	34.5	3199.79	46.5	5512.90
11	625.23	23	1616.41	35	3283.59	47	5624.00
11.5	652.76	23.5	1672.53	35.5	3367.29	47.5	5736.72
12	681.41	24	1730.08	36	3452.03	48	5850.03
12.5	712.28	24.5	1788.27	36.5	3539.41	48.5	5963.90
13	743.21	25	1847.92	37	3626.24	49	6079.41
13.5	776.26	25.5	1908.50	37.5	3715.76	49.5	6196.56
14	809.33	26	1970.28	38	3805.10	50	6315.38
14.5	844.63	26.5	2033.01	38.5	3896.34		
15	881.03	27	2096.96	39	3987.79	CORNERS	
15.5	917.41	27.5	2162.17	39.5	4081.60		
16	956.00	28	2229.27	40	4176.48	3	204.75
16.5	995.69	28.5	2296.73	40.5	4272.44	4	273.00
17	1036.36	29	2365.16	41	4369.49	5	341.25
17.5	1078.42	29.5	2435.53	41.5	4467.61	6	409.50
18	1121.34	30	2507.24	42	4566.82	7	477.75
18.5	1165.54	30.5	2578.96	42.5	4667.11	8	546.00
19	1210.66	31	2652.68	43	4768.47	9	614.25
19.5	1257.99	31.5	2727.76	43.5	4870.92	10	682.50
20	1305.47	32	2802.81	44	4975.90	11	750.75
20.5	1353.92	32.5	2879.93	44.5	5080.53	12	819.00

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19m$$

19m =	\$1,257.99
Plus 4 corners	\$273.00
Total	\$1,530.99

NOTE 1: Standard 50mm Webbing included in price above.
50mm Webbing (30kN BL)
40mm Webbing (20kN BL) available on request

NOTE 2: The details mentioned above are for standard shade sails.
Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 9 for colour choice

WEBBING EDGE EXTRABLOCK 330



EXTRABLOCK 330 / WEBBING EDGE RRP

PERIMETER (M)

9	480.69	21	1160.98	33	2358.49	45	4070.45
9.5	498.39	21.5	1200.71	33.5	2418.97	45.5	4153.30
10	518.23	22	1241.49	34	2480.94	46	4236.97
10.5	538.12	22.5	1282.35	34.5	2543.67	46.5	4320.96
11	557.92	23	1325.30	35	2607.54	47	4406.81
11.5	579.99	23.5	1368.36	35.5	2672.58	47.5	4492.96
12	602.03	24	1412.56	36	2737.61	48	4579.95
12.5	626.29	24.5	1457.66	36.5	2803.80	48.5	4667.23
13	650.48	25	1502.84	37	2872.39	49	4756.40
13.5	675.94	25.5	1550.33	37.5	2939.32	49.5	4845.86
14	701.29	26	1597.64	38	3009.10	50	4937.26
14.5	728.89	26.5	1646.18	38.5	3079.68		
15	756.34	27	1695.70	39	3150.20	CORNERS	
15.5	785.14	27.5	1745.29	39.5	3221.51		
16	814.88	28	1797.09	40	3294.48	3	204.75
16.5	845.62	28.5	1848.98	40.5	3368.26	4	273.00
17	877.61	29	1901.88	41	3442.39	5	341.25
17.5	909.60	29.5	1956.13	41.5	3518.22	6	409.50
18	942.73	30	2011.12	42	3594.41	7	477.75
18.5	976.87	30.5	2066.16	42.5	3671.41	8	546.00
19	1012.28	31	2122.59	43	3749.68	9	614.25
19.5	1048.60	31.5	2179.74	43.5	3828.30	10	682.50
20	1084.97	32	2238.33	44	3908.68	11	750.75
20.5	1122.49	32.5	2297.67	44.5	3988.91	12	819.00

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19m$$

19m =	\$1,012.28
Plus 4 corners	\$273.00
Total	\$1,285.28

NOTE 1: Standard 50mm Webbing included in price above.
50mm Webbing (30kN BL)
40mm Webbing (20kN BL) available on request

NOTE 2: The details mentioned above are for standard shade sails.
Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 11 for colour choice

WEBBING EDGE SHADETEC 320®

SHADETEC 320® / WEBBING EDGE RRP

PERIMETER (M)

9	453.11	21	1010.02	33	1982.29	45	3372.89
9.5	467.49	21.5	1041.89	33.5	2031.90	45.5	3439.97
10	482.95	22	1075.10	34	2082.85	46	3507.18
10.5	499.45	22.5	1108.21	34.5	2133.63	46.5	3576.58
11	517.17	23	1142.22	35	2185.39	47	3645.09
11.5	534.72	23.5	1177.68	35.5	2238.14	47.5	3715.81
12	552.42	24	1214.11	36	2291.10	48	3786.15
12.5	572.26	24.5	1250.48	36.5	2345.05	48.5	3856.60
13	592.14	25	1287.85	37	2400.42	49	3929.31
13.5	613.13	25.5	1325.42	37.5	2455.60	49.5	4002.15
14	633.99	26	1364.02	38	2511.80	50	4075.10
14.5	655.99	26.5	1403.69	38.5	2567.78		
15	679.27	27	1444.46	39	2626.49	CORNERS	
15.5	702.43	27.5	1485.16	39.5	2683.68		
16	726.68	28	1526.98	40	2743.23	3	204.75
16.5	751.93	28.5	1569.01	40.5	2802.97	4	273.00
17	777.34	29	1611.89	41	2863.34	5	341.25
17.5	803.87	29.5	1656.26	41.5	2925.26	6	409.50
18	831.40	30	1700.21	42	2986.89	7	477.75
18.5	858.98	30.5	1745.36	42.5	3048.69	8	546.00
19	887.65	31	1791.75	43	3112.53	9	614.25
19.5	917.45	31.5	1838.01	43.5	3176.54	10	682.50
20	947.15	32	1885.53	44	3241.67	11	750.75
20.5	978.06	32.5	1933.98	44.5	3306.47	12	819.00

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19\text{m}$$

19m =	\$887.65
Plus 4 corners	\$273.00
Total	\$1,160.65

NOTE 1: Standard 50mm Webbing included in price above.
50mm Webbing (30kN BL)
40mm Webbing (20kN BL) available on request

NOTE 2: The details mentioned above are for standard shade sails.
Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 13 for colour choice

CUSTOM MADE SHADE SAILS

WIRE EDGE

The easily adjustable wire cable around the perimeter makes this a very flexible type of shade sail that is also suited to exposed areas. The reinforced corner design and marine grade stainless steel components means it is exceptionally durable and aesthetically stylish.



KEY BENEFITS

WIRE EDGE

- Various wire sizes from 4mm - 8mm
- Easily adjustable for installers on site
- 7 x 19 strand construction wire cable
- Marine grade 316 Stainless Steel



PTFE SEWING THREAD



- Guaranteed to last the life of the fabric
- Maintains the strength of the seam, even under the harshest outdoor conditions
- Does not deteriorate, burst or break, despite years of exposure to weather and extreme temperatures

STAINLESS HARDWARE

- Marine grade 316 Stainless Steel
- Highly Rust Resistant
- Polished finish



OPTIONS FOR YOU

SUSPENDED MID-POINT (KISSING POINT)



Suspended mid-points are great when there are two shade sails side by side. By simply connecting to each other they can provide extra shade by closing the gap between sails without using an extra pole.

MIXED COLOURS



You can choose to use two or more colours for your shade sail – a great way to add some variety and enhance the aesthetics of your sail.*

*Surcharge applies

TRACK EDGE



Track Edged are ideal for when you want or need to fill in that shade sail curve that is usually space, with shade. Great for along walls or under eaves .
(note the track must run along a solid surface).



WIRE EDGE MONOTEC 370



MONOTEC 370 / WIRE EDGE RRP				PERIMETER (M)			
9	512.12	21	1269.04	33	2650.10		
9.5	533.03	21.5	1313.24	33.5	2717.22		
10	554.03	22	1357.37	34	2786.63		
10.5	576.06	22.5	1403.60	34.5	2856.14		
11	599.25	23	1450.00	35	2926.48		
11.5	623.57	23.5	1497.33	35.5	2998.03		
12	648.96	24	1546.12	36	3070.82		
12.5	675.45	24.5	1595.62	36.5	3144.85		
13	703.04	25	1696.20	37	3219.75		
13.5	730.68	25.5	1748.96	37.5	3294.68		
14	760.36	26	1801.88	38	3371.71		
14.5	790.24	26.5	1855.82	38.5	3448.76		
15	821.13	27	1911.97	39	3527.08		
15.5	853.11	27.5	1968.29	39.5	3606.27		
16	886.28	28	2025.38	40	3686.76		
16.5	920.52	28.5	2082.91	40.5	3768.12		
17	955.72	29	2142.16	41	3849.90		
17.5	990.97	29.5	2202.83	41.5	3933.45		
18	1028.61	30	2263.32	42	4070.78		
18.5	1066.16	30.5	2325.26	42.5	4157.20		
19	1104.61	31	2387.98	43	4244.03		
19.5	1144.43	31.5	2451.85	43.5	4331.27		
20	1185.24	32	2516.88	44	4420.35		
20.5	1227.08	32.5	2582.72	44.5	4510.32		
					CORNERS		
16	886.28	28	2025.38	40	3686.76	3	223.65
16.5	920.52	28.5	2082.91	40.5	3768.12	4	298.20
17	955.72	29	2142.16	41	3849.90	5	372.75
17.5	990.97	29.5	2202.83	41.5	3933.45	6	447.30
18	1028.61	30	2263.32	42	4070.78	7	521.85
18.5	1066.16	30.5	2325.26	42.5	4157.20	8	596.40
19	1104.61	31	2387.98	43	4244.03	9	670.95
19.5	1144.43	31.5	2451.85	43.5	4331.27	10	745.50
20	1185.24	32	2516.88	44	4420.35	11	820.05
20.5	1227.08	32.5	2582.72	44.5	4510.32	12	894.60

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19\text{m}$$

$$19\text{m} = \$1,104.61$$

$$\text{Plus 4 corners} = \$298.20$$

$$\text{Total} = \$1,402.81$$

NOTE 1: Standard 7x19 wire cable sizing as included in prices above.
Up to 24.9m perimeter – 4mm Wire Cable (9.89kN BL)
25m to 41.9m perimeter – 5mm Wire Cable (15.78kN BL)
Over 42m perimeter – 6mm Wire Cable (21.98kN BL)

NOTE 2: The details mentioned above are for standard shade sails. Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 7 for colour choice

WIRE EDGE MONOTEC 370 FR



MONOTEC 370 FR / WIRE EDGE RRP				PERIMETER (M)			
9	545.17	21	1452.18	33	3099.79	45	5438.14
9.5	569.48	21.5	1504.06	33.5	3181.47	45.5	5547.73
10	595.93	22	1557.96	34	3264.19	46	5659.41
10.5	622.37	22.5	1613.21	34.5	3347.95	46.5	5771.68
11	650.06	23	1668.33	35	3433.90	47	5885.56
11.5	678.72	23.5	1725.58	35.5	3519.75	47.5	6001.06
12	708.50	24	1784.26	36	3606.63	48	6117.15
12.5	740.50	24.5	1843.58	36.5	3696.16	48.5	6233.81
13	772.56	25	1955.28	37	3785.14	49	6352.09
13.5	806.73	25.5	2018.00	37.5	3876.80	49.5	6472.03
14	840.94	26	2081.94	38	3968.29	50	6593.63
14.5	877.36	26.5	2146.81	38.5	4061.68		
15	914.89	27	2212.92	39	4155.28	CORNERS	
15.5	952.40	27.5	2280.27	39.5	4251.23		
16	992.12	28	2349.52	40	4348.26	3	223.65
16.5	1032.94	28.5	2419.12	40.5	4446.37	4	298.20
17	1074.74	29	2489.70	41	4545.56	5	372.75
17.5	1117.93	29.5	2562.22	41.5	4645.84	6	447.30
18	1161.97	30	2636.08	42	4800.55	7	521.85
18.5	1207.30	30.5	2709.94	42.5	4903.62	8	596.40
19	1253.55	31	2785.81	43	5007.77	9	670.95
19.5	1302.02	31.5	2863.04	43.5	5113.00	10	745.50
20	1350.62	32	2940.24	44	5220.76	11	820.05
20.5	1400.20	32.5	3019.50	44.5	5328.17	12	894.60

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19m$$

19m =	\$1,253.55
Plus 4 corners	\$298.20
Total	\$1,551.75

NOTE 1: Standard 7x19 wire cable sizing as included in prices above.
Up to 24.9m perimeter – 4mm Wire Cable (9.89kN BL)
25m to 41.9m perimeter – 5mm Wire Cable (15.78kN BL)
Over 42m perimeter – 6mm Wire Cable (21.98kN BL)

NOTE 2: The details mentioned above are for standard shade sails. Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 9 for colour choice

WIRE EDGE EXTRABLOCK 330

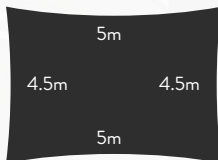


EXTRABLOCK 330 / WIRE EDGE RRP				PERIMETER (M)			
9	501.01	21	1208.38	33	2500.21	45	4320.87
9.5	519.84	21.5	1249.24	33.5	2562.83	45.5	4406.50
10	540.80	22	1291.15	34	2626.95	46	4492.96
10.5	561.82	22.5	1333.15	34.5	2691.83	46.5	4579.74
11	582.76	23	1377.23	35	2757.85	47	4668.36
11.5	605.95	23.5	1421.42	35.5	2825.03	47.5	4757.30
12	629.12	24	1466.74	36	2892.21	48	4847.07
12.5	654.50	24.5	1512.96	36.5	2960.55	48.5	4937.13
13	679.82	25	1610.20	37	3031.29	49	5029.08
13.5	706.42	25.5	1659.84	37.5	3100.37	49.5	5121.33
14	732.89	26	1709.29	38	3172.29	50	5215.51
14.5	761.62	26.5	1759.99	38.5	3245.02		
15	790.20	27	1811.65	39	3317.69	CORNERS	
15.5	820.13	27.5	1863.39	39.5	3391.14		
16	851.00	28	1917.34	40	3466.26	3	223.65
16.5	882.86	28.5	1971.37	40.5	3542.18	4	298.20
17	915.99	29	2026.42	41	3618.46	5	372.75
17.5	949.11	29.5	2082.82	41.5	3696.45	6	447.30
18	983.37	30	2139.95	42	3828.14	7	521.85
18.5	1018.64	30.5	2197.14	42.5	3907.92	8	596.40
19	1055.18	31	2255.72	43	3988.98	9	670.95
19.5	1092.62	31.5	2315.02	43.5	4070.37	10	745.50
20	1130.12	32	2375.76	44	4153.54	11	820.05
20.5	1168.76	32.5	2437.24	44.5	4236.56	12	894.60

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19m$$

$$19m = \$1,055.18$$

$$\text{Plus 4 corners} = \$298.20$$

$$\text{Total} = \$1,353.38$$

NOTE 1: Standard 7x19 wire cable sizing as included in prices above.
Up to 24.9m perimeter – 4mm Wire Cable (9.89kN BL)
25m to 41.9m perimeter – 5mm Wire Cable (15.78kN BL)
Over 42m perimeter – 6mm Wire Cable (21.98kN BL)

NOTE 2: The details mentioned above are for standard shade sails. Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 11 for colour choice

WIRE EDGE SHADETEC 320®

SHADETEC 320® / WIRE EDGE RRP				PERIMETER (M)			
9	473.43	21	1057.43	33	2124.01	45	3623.32
9.5	488.94	21.5	1090.43	33.5	2175.77	45.5	3693.17
10	505.52	22	1124.76	34	2228.86	46	3763.17
10.5	523.16	22.5	1159.01	34.5	2281.79	46.5	3835.35
11	542.01	23	1194.15	35	2335.70	47	3906.64
11.5	560.68	23.5	1230.73	35.5	2390.59	47.5	3980.15
12	579.51	24	1268.29	36	2445.70	48	4053.27
12.5	600.48	24.5	1305.79	36.5	2501.80	48.5	4126.50
13	621.49	25	1395.21	37	2559.32	49	4202.00
13.5	643.61	25.5	1434.93	37.5	2616.65	49.5	4277.62
14	665.59	26	1475.67	38	2675.00	50	4353.35
14.5	688.73	26.5	1517.49	38.5	2733.11		
15	713.14	27	1560.41	39	2793.98	CORNERS	
15.5	737.42	27.5	1603.26	39.5	2853.31		
16	762.80	28	1647.22	40	2915.01	3	223.65
16.5	789.18	28.5	1691.41	40.5	2976.90	4	298.20
17	815.72	29	1736.43	41	3039.42	5	372.75
17.5	843.38	29.5	1782.95	41.5	3103.48	6	447.30
18	872.04	30	1829.05	42	3220.62	7	521.85
18.5	900.75	30.5	1876.34	42.5	3285.20	8	596.40
19	930.54	31	1924.88	43	3351.82	9	670.95
19.5	961.48	31.5	1973.29	43.5	3418.61	10	745.50
20	992.30	32	2022.96	44	3486.53	11	820.05
20.5	1024.34	32.5	2073.55	44.5	3554.11	12	894.60

How to calculate sail size:

Sails priced using perimeter measurement from fixing point to fixing point plus quantity of corners.

EXAMPLE



$$4.5 + 4.5 + 5 + 5 = 19m$$

19m =	\$930.54
Plus 4 corners	\$298.20
Total	\$1,228.74

NOTE 1: Standard 7x19 wire cable sizing as included in prices above.
Up to 24.9m perimeter – 4mm Wire Cable (9.89kN BL)
25m to 41.9m perimeter – 5mm Wire Cable (15.78kN BL)
Over 42m perimeter – 6mm Wire Cable (21.98kN BL)

NOTE 2: The details mentioned above are for standard shade sails. Sizes and styles may change due to size of sail or specific customer request.

NOTE 3: Add hardware from separate price list.

NOTE 4: All prices exclude GST and freight and are subject to change without notification.

Refer to page 13 for colour choice

KOOL SERIES

CHARCOAL GREY



SHADETEX SAILS
SUPERIOR SUN SHADE

READY-MADE SHADE SAILS

- ✓ Ideal for residential settings
- ✓ D.I.Y friendly—easy for you or your customers to install and maintain
- ✓ Largest range of colours, shapes and sizes on the market
- ✓ Industry best materials warranties
- ✓ Configuration recommendations offered to ensure an attractive fit
- ✓ Designed for easy installation and built to last

KOOL SERIES

31-32

MAXX SERIES

33-34



READY-MADE SHADE SAILS

KOOL SERIES

KOOL SERIES MEDIUM DUTY

Kool Series shade sails are built to last. They have been designed and manufactured in New Zealand to a very high standard and are perfect for the discerning DIY enthusiast.

SHADETEC 320 fabric is very durable and comes in a large range of designer colours. Our enhanced corner design has a 316 stainless steel D-ring reinforced with a double layer of mildew resistant webbing. All hems have webbing reinforcing and are triple stitched with PTFE thread that will last for over 13 years without rotting.

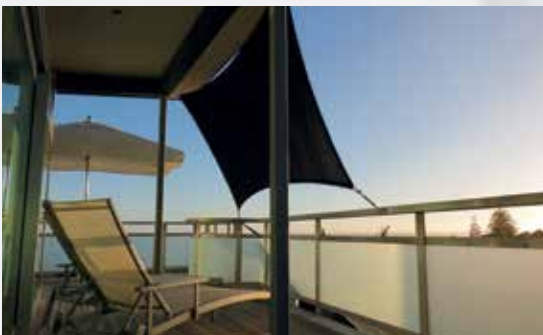
The strong webbing in the edge and the curved sides ensure that the sail will sit snugly and fly gracefully without excessive movement when installed. Kool Series shade sails will invariably add style, comfort and class to your outdoor setting.



PTFE SEWING THREAD



Our PTFE sewing thread is guaranteed to last for the life of the fabric, and it maintains the strength of the seam even under the harshest outdoor conditions. It does not deteriorate, burst or break, despite years of exposure to weather and extreme temperatures.



- ✓ Designed for easy installation.
- ✓ High (90%) UV block and high shade factor.
- ✓ 13 year warranty.
- ✓ Simply add fitting hardware and follow the provided instructions to install.

COLOURS



Colours shown indicative only.

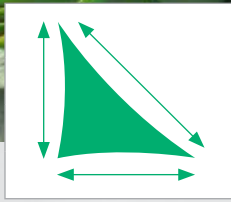
KOOL SERIES

CARBON BLACK



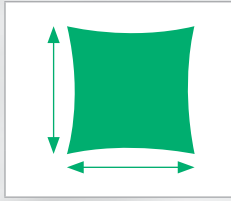
EQUILATERAL TRIANGLE - All sides are equal in length

CODE	KS ET12	KS ET14	KS ET16	KS ET18	KS ET20
SIZE (M)	3.7 x 3.7 x 3.7	4.3 x 4.3 x 4.3	4.9 x 4.9 x 4.9	5.5 x 5.5 x 5.5	6.1 x 6.1 x 6.1
RRP PRICE	\$418.00	\$484.00	\$536.00	\$617.00	\$695.00



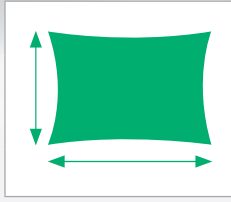
RIGHT-ANGLE TRIANGLE - Right angled sides are equal in length

CODE	KS RT10	KS RT15	KS RT20		
SIZE (M)	3.0 x 3.0 x 4.3	4.6 x 4.6 x 6.5	6.1 x 6.1 x 8.6		
RRP PRICE	\$378.00	\$426.00	\$477.00		



SQUARE - All sides are equal in length

CODE	KS SQ10	KS SQ12	KS SQ14	KS SQ16	KS SQ18
SIZE (M)	3.0 x 3.0	3.7 x 3.7	4.3 x 4.3	4.9 x 4.9	5.5 x 5.5
RRP PRICE	\$455.00	\$536.00	\$635.00	\$750.00	\$791.00



RECTANGLE - Different width and length

CODE	KS RE1012	KS RE1014	KS RE1214	KS RE1216	KS RE1218
SIZE (M)	3.0 x 3.7	3.0 x 4.3	3.7 x 4.3	3.7 x 4.9	3.7 x 5.5
RRP PRICE	\$494.00	\$570.00	\$610.00	\$649.00	\$706.00

NOTE 1: These measurements are taken from the shackle at each corner, they do not include tensioners or fixings. These measurements are the size of the shade sail before it is stretched out or tensioned. For best results we recommend that a turnbuckle tensioner is used at every corner of the shade sail.

NOTE 2: Hardware not included.

READY-MADE SHADE SAILS

MAXX SERIES

MAXX SERIES HEAVY DUTY

Maxx Series shade sails stand out from the crowd. Fabricated using the strongest shade mesh available, there is nothing else quite like these sails on the market. Maxx Series sails are essentially the same as our commercial custom shade sails, but with a reduced price tag for your convenience.

Ideal if you are after an up-market look with a difference and are available in a huge range of standard colours and sizes.

This design ensures high-performance and allows users to stay abreast of the current trend in outdoor architecture.



PTFE SEWING THREAD



Our PTFE sewing thread is guaranteed to last for the life of the fabric, and it maintains the strength of the seam even under the harshest outdoor conditions. It does not deteriorate, burst or break, despite years of exposure to weather and extreme temperatures.



- ✓ Designed for easy installation.
- ✓ High (90%) UV block and high shade factor.
- ✓ 15 year warranty.
- ✓ Complete shade sail package with instructions, ready to add hardware and install.

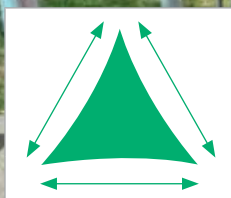
COLOURS

Chino Cream	Bundena Blue	Karlool Sand	Marrocan Terracotta	Sheba Dark Blue
Koonunga Green	Abaroo Red	Lime Fizz Lime	Graphite Charcoal	Sherbet Orange
Domino Black	Mellow Haze Yellow	Jazzberry Purple	Bubblegum Pink	Candy Red

Colours shown indicative only.

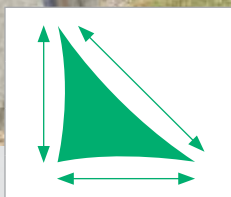
MAXX SERIES

SHERBET ORANGE



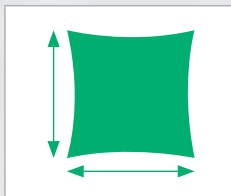
EQUILATERAL TRIANGLE - All sides are equal in length

CODE	MS ET12	MS ET14	MS ET16	MS ET18	MS ET20
SIZE (M)	3.7 x 3.7 x 3.7	4.3 x 4.3 x 4.3	4.9 x 4.9 x 4.9	5.5 x 5.5 x 5.5	6.1 x 6.1 x 6.1
RRP PRICE	\$622.00	\$684.00	\$781.00	\$924.00	\$1,040.00



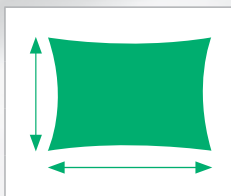
RIGHT-ANGLE TRIANGLE - Right angled sides are equal in length

CODE	MS RT10	MS RT15	MS RT20		
SIZE (M)	3.0 x 3.0 x 4.3	4.6 x 4.6 x 6.5	6.1 x 6.1 x 8.6		
RRP PRICE	\$596.00	\$816.00	\$1,076.00		



SQUARE - All sides are equal in length

CODE	MS SQ10	MS SQ12	MS SQ14	MS SQ16	MS SQ18
SIZE (M)	3.0 x 3.0	3.7 x 3.7	4.3 x 4.3	4.9 x 4.9	5.5 x 5.5
RRP PRICE	\$675.00	\$835.00	\$1,015.00	\$1,154.00	\$1,411.00



RECTANGLE - Different width and length

CODE	MS RE1012	MS RE1014	MS RE11214	MS RE1216	MS RE1218
SIZE (M)	3.0 x 3.7	3.0 x 4.3	3.7 x 4.3	3.7 x 4.9	3.7 x 5.5
RRP PRICE	\$736.00	\$835.00	\$942.00	\$1,015.00	\$1,093.00

NOTE 1: These measurements are taken from the shackle at each corner, they do not include tensioners or fixings. These measurements are the size of the shade sail before it is stretched out or tensioned. For best results we recommend that a turnbuckle tensioner is used at every corner of the shade sail.

NOTE 2: Hardware not included.

MONOTEC 370

KOONUNGA GREEN

STANDARD SHACKLE

PAGE 37

EYE BOLT

PAGE 39



SHADETEX SAILS
SUPERIOR SUN SHADE

HARDWARE

NuRange Products offers a comprehensive range of high quality marine grade stainless and galvanised steel components for virtually any shade sail project.

Our carefully selected range of hardware components are specifically suited to shade sails. Each product is manufactured to the highest standard and batch tests are regularly conducted to ensure absolute consistency and quality. You can also rely on our team of experts to recommend the exact parts you need.

- ✓ Marine grade stainless steel
- ✓ Everything you need to install a shade sail

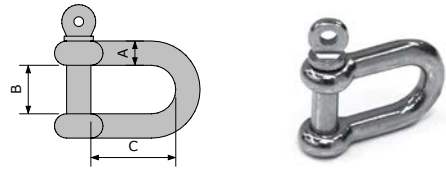
CONNECTORS	37-38
TENSIONERS	38
FIXINGS	39-41
WIRE CABLE AND ACCESSORIES	41-42
SAIL TRACK	43
CHAIN	43
ROPE	43

HARDWARE

CONNECTORS

> STANDARD D-SHACKLE

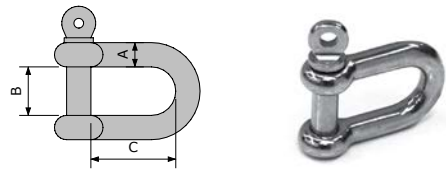
Forged Stainless Steel
Polished finish
AISI 316
User friendly removable pin
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
K360-6	6mm	12mm	21mm	\$4.50
K360-7	7mm	14mm	25mm	\$5.20
K360-8	8mm	17mm	28mm	\$5.40
K360-10	10mm	21mm	35mm	\$9.30
K360-12	12mm	27mm	45mm	\$16.80

> CAPTIVE D-SHACKLE

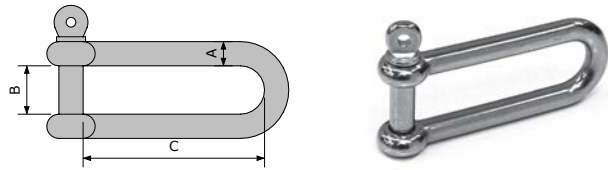
Forged Stainless Steel
Polished finish
AISI 316
User friendly removable pin
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
K360LK-6	6mm	12mm	22mm	\$4.70
K360LK-8	8mm	20mm	27mm	\$5.60
K360LK-10	10mm	20mm	35mm	\$9.50
K360LK-12	12mm	26mm	42mm	\$15.30

> LONG SHACKLE

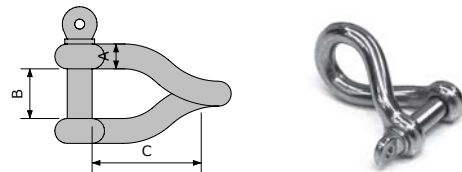
Forged Stainless Steel
Polished finish
AISI 316
User friendly removable pin
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
K362-6	6mm	12mm	45mm	\$5.10
K362-8	8mm	15mm	60mm	\$8.40
K362-10	10mm	20mm	75mm	\$14.00
K362-12	12mm	27mm	88mm	\$21.80

> TWISTED SHACKLE

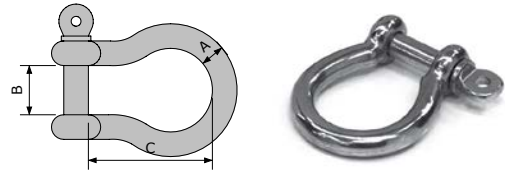
Forged Stainless Steel
Polished finish
AISI 316
User friendly removable pin
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
K380-6	6mm	13mm	30mm	\$5.40
K380-8	8mm	18mm	37mm	\$8.00
K380-10	10mm	21mm	42mm	\$11.70
K380-12	12mm	25mm	57mm	\$19.60

► BOW SHACKLE

Forged Stainless Steel
Polished finish
AISI 316
User friendly removable pin
Available individually

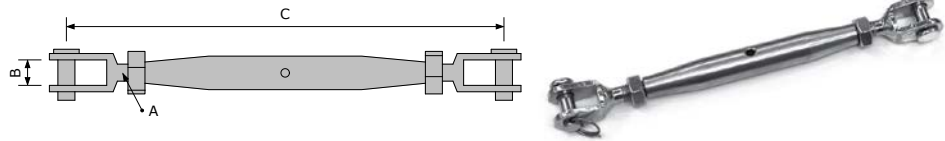


CODE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RRP PRICE
K370-6	6mm	14mm	25mm	20mm	\$5.20
K370-8	8mm	15mm	40mm	25mm	\$6.20
K370-10	10mm	20mm	45mm	35mm	\$9.90
K370-12	12mm	25mm	52mm	40mm	\$19.70

TENSIONERS

► PIPE TURNBUCKLE

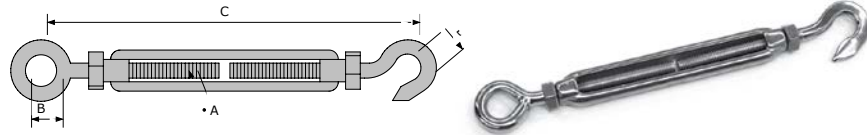
Stainless Steel
Polished finish
AISI 316
Pipe body adjuster
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C) Closed	SIZE (C) Extended	RRP PRICE
K312P-5	5mm	6mm	130mm	190mm	\$11.70
K312P-6	6mm	8mm	140mm	200mm	\$15.20
K312P-8	8mm	11mm	165mm	250mm	\$21.80
K312P-10	10mm	12mm	200mm	290mm	\$36.10
K312P-12	12mm	15mm	250mm	370mm	\$60.60

► HOOK EYE TURNBUCKLE

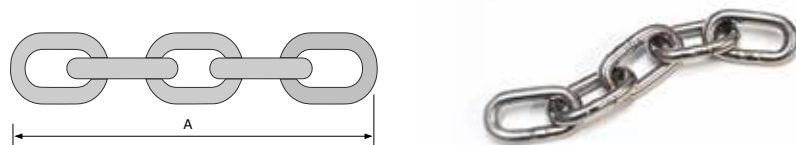
Stainless Steel
Polished finish
AISI 316
Open body adjuster
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C) Closed	SIZE (C) Extended	SIZE (D)	RRP PRICE
K310-6	6mm	12mm	145mm	220mm	10mm	\$10.20
K310-8	8mm	14mm	185mm	280mm	10mm	\$15.80
K310-10	10mm	16mm	230mm	350mm	12mm	\$25.00

► CHAIN ADJUSTER

Standard Shackle + Regular Chain
Stainless Steel Shackle & Chain
Polished finish
AISI 316
Available individually



CODE	CHAIN SIZE	SIZE (A)	LINKS	RRP PRICE
C6.130	6mm	130mm	5x	\$14.10
C8.160	8mm	160mm	5x	\$24.65
C6.220	6mm	220mm	9x	\$25.38
C8.280	8mm	280mm	9x	\$44.37

► RATCHET TENSIONER

Stainless Steel
AISI 316
Available individually
1500kg rated – takes 25mm webbing
RTCHT includes webbing strap sewn onto the ratchet and a bow shackle

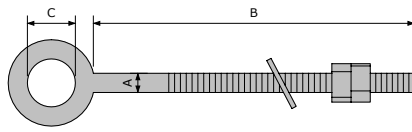


CODE	WEBBING SIZE	RRP PRICE
RTCHD25 (Ratchet only)	25mm	\$22.44
RTCHT (Ratchet, Strap and Bow Shackle)	25mm	\$51.70

FIXINGS

▶ EYE BOLT – STAINLESS STEEL

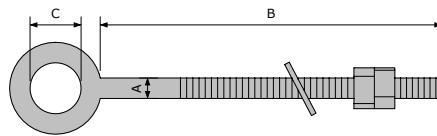
Forged Stainless Steel
Polished finish
AISI 316
Supplied with washer and 2x nuts
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
K3191-8X60	8mm	60mm	17mm	\$5.60
K3191-8X80	8mm	80mm	17mm	\$6.00
K3191-8X100	8mm	100mm	16mm	\$6.40
K3191-10X80	10mm	80mm	20mm	\$8.60
K3191-10X100	10mm	100mm	20mm	\$9.00
K3191-10X120	10mm	120mm	20mm	\$9.40
K3191-12X100	12mm	100mm	25mm	\$14.40
K3191-12X140	12mm	140mm	25mm	\$15.60
K3191-12X150	12mm	150mm	25mm	\$16.40
K3191-12X200	12mm	200mm	25mm	\$18.80
K3191-12X300	12mm	300mm	37mm	\$31.20

▶ EYE BOLT – GALVANISED

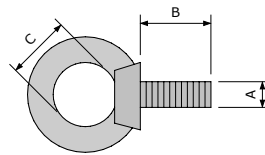
Forged Steel
Galvanised finish
Supplied with washer and 2x nuts
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
GE1215	12mm	150mm	35mm	\$29.93
GE1220	12mm	200mm	35mm	\$30.90
GE1225	12mm	250mm	35mm	\$32.93
GE1230	12mm	300mm	35mm	\$35.55
GE1235	12mm	350mm	35mm	\$36.30
GE1240	12mm	400mm	35mm	\$37.50

▶ EYE BOLT HEAD

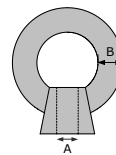
Stainless Steel
Polished finish
AISI 316
(No nut or washer supplied)
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
K580-8	8mm	14mm	20mm	\$5.40
K580-10	10mm	16mm	25mm	\$7.70
K580-12	12mm	21mm	30mm	\$11.90
K580-16	16mm	25mm	35mm	\$23.95

▶ EYE NUT

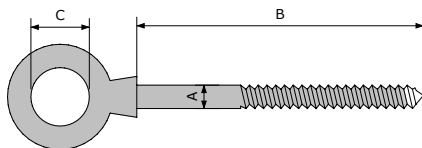
Stainless Steel
Polished finish
AISI 316
Available individually



CODE	SIZE (A)	SIZE (B)	RRP PRICE
K3061-8	8mm	20mm	\$4.40
K3061-10	10mm	25mm	\$6.70
K3061-12	12mm	30mm	\$9.60
K3061-16	16mm	35mm	\$17.20

› EYE SCREW

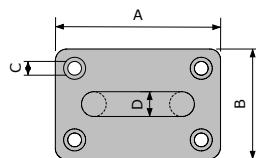
Stainless Steel
Polished finish
AISI 316
Coarse thread suited for timber
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	RRP PRICE
K3291-8	8mm	80mm	23mm	\$7.90
K3291-10	10mm	100mm	24mm	\$9.50
K3291-12	12mm	120mm	25mm	\$15.30

› EYE PLATE – LIGHT WEIGHT

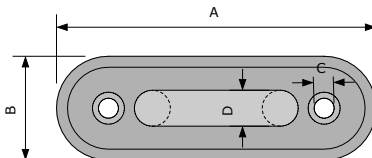
Stainless Steel
Polished finish
AISI 316
Requires 4x screws
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RRP PRICE
K321-6	40mm	35mm	5mm	6mm	\$3.90
K321-8	50mm	40mm	6mm	8mm	\$5.90
K321-10	60mm	48mm	6mm	10mm	\$8.30

› EYE PLATE – LONG

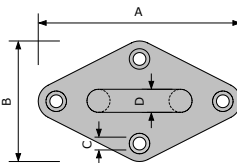
Stainless Steel
Polished finish
AISI 316
Requires 4x screws
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RRP PRICE
K3212-6	65mm	19mm	5mm	6mm	\$3.50
K3212-8	80mm	25mm	6mm	8mm	\$6.60
K3212-10	100mm	32mm	7mm	10mm	\$9.00

› EYE PLATE – DIAMOND

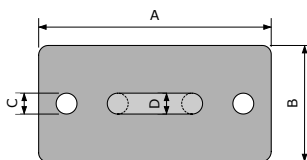
Stainless Steel
Polished finish
AISI 316
Requires 4x screws
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RRP PRICE
K3211-6	64mm	40mm	5mm	6mm	\$5.30
K3211-8	80mm	50mm	6mm	8mm	\$6.90

› EYE PLATE – HEAVY DUTY

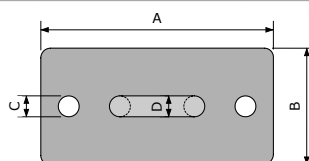
Stainless Steel
Polished finish
AISI 316
Requires 2x coach screws/bolts
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RRP PRICE
EPHM	100mm	50mm	10mm	10mm	\$63.50

› EYE PLATE – GALVANISED

Steel plate and eye
Galvanised finish
Requires 2x coach screws/bolts
Available individually

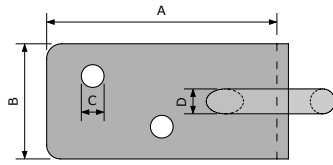


CODE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RRP PRICE
EPHD-SM	100mm	50mm	10mm	8mm	\$36.50

FIXINGS

› EYE PLATE – HEAVY DUTY EXTERNAL/INTERNAL CORNER PLATE

Steel plate and eye
Galvanised finish
Requires 2x coach screws/bolts
Available individually



CODE	SIZE (A)	SIZE (B)	SIZE (C)	SIZE (D)	RRP PRICE
EPHD-CNR	100mm	50mm	10mm	12mm	\$56.00

› NUTS & WASHERS

Stainless Steel
Polished finish

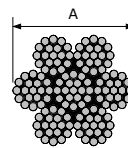


CODE	DESCRIPTION	THREAD SIZE	RRP PRICE
M8SSN	Standard Nut	M8	\$1.10
M10SSN	Standard Nut	M10	\$1.60
M12SSN	Standard Nut	M12	\$2.90
M16SSN	Standard Nut	M16	\$5.10
M8SSNN	Nyloc Nut	M8	\$1.50
M10SSNN	Nyloc Nut	M10	\$2.15
M12SSNN	Nyloc Nut	M12	\$3.90
M16SSNN	Nyloc Nut	M16	\$6.80
M8SSFW	Flat Washer	M8	\$0.60
M10SSFW	Flat Washer	M10	\$0.75
M12SSFW	Flat Washer	M12	\$0.95
M16SSFW	Flat Washer	M16	\$1.70

WIRE CABLE AND ACCESSORIES

› STAINLESS STEEL 7/19

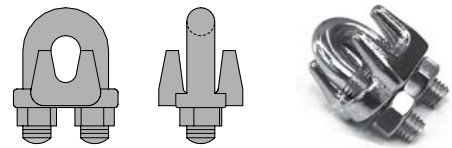
7x19 Stainless Steel Wire Cable
Highly flexible
S/S 316 Marine Grade
Available by the cut metre



CODE	SIZE (A)	RRP PRICE (300m ROLL RATE)	RRP PRICE (CUT RATE)
WR4	4mm	\$2.40 p/m	\$3.90 p/m
WR5	5mm	\$3.40 p/m	\$4.90 p/m
WR6	6mm	\$3.59 p/m	\$5.45 p/m
WR8	8mm	\$6.50 p/m	\$8.00 p/m

› WIRE CABLE GRIPS

Stainless Steel
Polished finish
AISI 316
Available individually



CODE	WIRE CABLE SIZE	RRP PRICE
K261-4	4mm	\$3.00
K261-5	5mm	\$3.90
K261-6	6mm	\$4.60
K261-8	8mm	\$5.90
K261-10	10mm	\$9.60

WIRE CABLE THIMBLES

Stainless Steel
Electro Polished finish
AISI 316
Available individually



CODE	WIRE CABLE SIZE	RRP PRICE
K234-4	4mm	\$1.00
K234-5	5mm	\$1.20
K234-6	6mm	\$1.50
K234-8	8mm	\$2.50
K234-10	10mm	\$3.20

7x19 Stainless Steel Wire Cable
Stainless Steel Thimble
Nickel/Copper Ferrule
S/S 316 – Cable & Thimble
Available individually



Set length lead wires are made to measure, please specify exact length when ordering.
We can also leave one end loose so that it is adjustable (Either a ferrule or a wire rope grip can be supplied)

CODE	WIRE CABLE SIZE	LENGTH	RRP PRICE
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LEAD WIRE – SET LENGTH

LWSL4/0-1	4mm	0m – 1m	\$17.25
LWSL4/1-2	4mm	1m – 2m	\$19.55
LWSL4/2-3	4mm	2m – 3m	\$21.85
LWSL4/3-4	4mm	3m – 4m	\$24.15
LWSL5/0-1	5mm	0m – 1m	\$19.55
LWSL5/1-2	5mm	1m – 2m	\$24.75
LWSL5/2-3	5mm	2m – 3m	\$29.90
LWSL5/3-4	5mm	3m – 4m	\$36.25
LWSL6/0-1	6mm	0m – 1m	\$26.45
LWSL6/1-2	6mm	1m – 2m	\$33.35
LWSL6/2-3	6mm	2m – 3m	\$40.25
LWSL6/3-4	6mm	3m – 4m	\$47.75

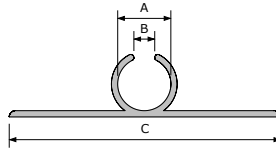
LEAD WIRE – ADJUSTABLE LENGTH

LWAL4/0-1	4mm	0m – 1m	\$17.25
LWAL4/1-2	4mm	1m – 2m	\$19.55
LWAL4/2-3	4mm	2m – 3m	\$21.85
LWAL4/3-4	4mm	3m – 4m	\$24.15
LWAL5/0-1	5mm	0m – 1m	\$19.55
LWAL5/1-2	5mm	1m – 2m	\$24.75
LWAL5/2-3	5mm	2m – 3m	\$29.90
LWAL5/3-4	5mm	3m – 4m	\$36.25
LWAL5/4-5	5mm	4m – 5m	\$42.30
LWAL6/0-1	6mm	0m – 1m	\$26.45
LWAL6/1-2	6mm	1m – 2m	\$33.35
LWAL6/2-3	6mm	2m – 3m	\$40.25
LWAL6/3-4	6mm	3m – 4m	\$47.75
LWAL6/4-5	6mm	4m – 5m	\$55.25

SAIL TRACK

› HEAVY DUTY DOUBLE SIDED TRACK

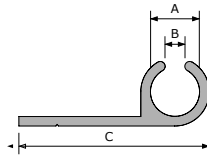
Aluminium
White powder coat finish
Available by the length (5m)
Suits 8mm NuCORE extrusion



CODE	A	B	C	RRP PRICE
DBHDT	13mm	5.2mm	65mm	\$22.60 per metre

› HEAVY DUTY SIDE LOADING TRACK

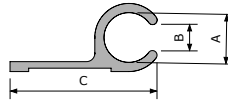
Aluminium
White powder coat finish
Available by the length (5m)
Suits 8mm NuCORE extrusion
For application where the track needs to be extra heavy duty



CODE	A	B	C	RRP PRICE
SSHDT	13mm	5mm	50mm	\$23.15 per metre

› TOP LOADING TRACK

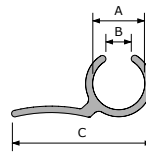
Aluminium
White powder coat finish
Available by the length (5m)
Suits 5mm NuCORE extrusion



CODE	A	B	C	RRP PRICE
TPLDT	9mm	4mm	28mm	\$10.90 per metre

› SIDE LOADING TRACK

Aluminium
White powder coat finish
Available by the length (5m)
Suits 6mm NuCORE extrusion



CODE	A	B	C	RRP PRICE
SDLDT	11mm	5.5mm	30mm	\$10.90 per metre

CHAIN

› CHAIN - STAINLESS STEEL

Stainless Steel
Regular Link Chain
Electro Polished finish
AISI 316
Available by the cut metre



CODE	LINK DIAMETER	RRP PRICE
CH6	6mm	\$53.90 per metre
CH8	8mm	\$85.80 per metre

ROPE

› NULINE

Super strong – very low stretch
Excellent for installing shade sails
Red, Blue and Yellow colours available
Available by the cut metre



CODE	LINK DIAMETER	RRP PRICE
NLRP6	6mm	\$8.95 per metre

NuLan Premium Grease

NuLan is a premium grease designed to lubricate the thread on stainless steel hardware or where a protective coating is required. This is an environmentally friendly lubricant with superior protection and anti-seize properties. NuLan is an all-natural product that does not dry out or wash off with water, therefore it greatly assists when adjusting your hardware even years later.



CODE	SIZE	RRP PRICE
NuLan TUB10	10gm	\$6.20
NuLan TUB500	500gm	\$84.00

NOTE: Indent orders

If you require any hardware that is not listed in this catalogue please email sales@nurange.co.nz as we can source a wide range of specialist stainless steel and galvanised steel products.

We have been working with Shadetex Sails for almost 10 years. The staff are friendly and pleasant to liase with and dispatch orders in a timely manner. Shadetex Sails are extremely versatile from supplying the fabrics to manufacturing the whole product for you. We are impressed with their new products which we look forward to using on some of our jobs. We recommend Shadetex Sails as a genuine trusted supplier.

Gilly

MONOTEC 370

JAZZBERRY PURPLE



SHADETEX SAILS
SUPERIOR SUN SHADE

GUIDES AND INSTRUCTIONS

This is not a complete comprehensive manual for installing shade sails but merely a guide to help you with the basic steps. Just like any task, you will soon develop your own tricks and skills.

POINTS TO CONSIDER BEFORE INSTALLING A SHADE SAIL	47-48
MEASURING AND ORDER FORM INSTRUCTIONS	49-50
CORNER FITTINGS DETAILS	51-54
SHADE SAIL FITTING INSTRUCTIONS	55-57
GUIDE FOR POLES AND FOOTINGS	59-60

POINTS TO CONSIDER BEFORE INSTALLING A SHADE SAIL

Shade sails can be used in both domestic and commercial applications. Installing shades over your swimming pool, patio, outdoor entertainment areas and carport are now very popular in a domestic setting. Commercial uses for shade sails and structures include applications such as childcare centres, car park shade, smokers' areas and cafe eating areas.

If you are considering installing a shade sail at your home or business, there are some factors you should take into consideration. It is important that these factors are thought through carefully to ensure you receive the best product possible. Home or business owners purchasing a shade sail should be aware that there are not only varying levels of quality but also variations in the quality of installation methods.

Here are a few points to consider before purchasing or installing a shade sail:

BUILDING APPROVAL

Always check with local authorities (council) for any relevant building regulation before installing any shade sail.

LOCATION

Note the direction of the sun during the time you need the most shade. Make sure that the shade sail you have chosen will fit the desired space. Consider any dangers or obstacles such as power wires, water pipes and barbecues etc.

ENVIRONMENT

Take into account your local wind conditions, speed and direction. Also consider surrounding environment like trees etc.



DESIGN

Shade sails look spectacular when designed properly. Be sure to spend some time planning the entire project before commencing.

Height differences are an important factor when designing a shade sail – alternating high and low points will keep your sail tight for longer and boost the visual impact.

Overlap sails to get full shade coverage – all shade sails must have curved edges to provide tension.

Remember to allow for turnbuckles. As a general rule of thumb, allow 250mm to 300mm on a corner with a turnbuckle.

Doors/windows/bi-folds still need to open and shut – make sure that your shade sail can sit well above the top of any opening. Also consider things like downpipes and lighting.

QUALITY OF INSTALLATION

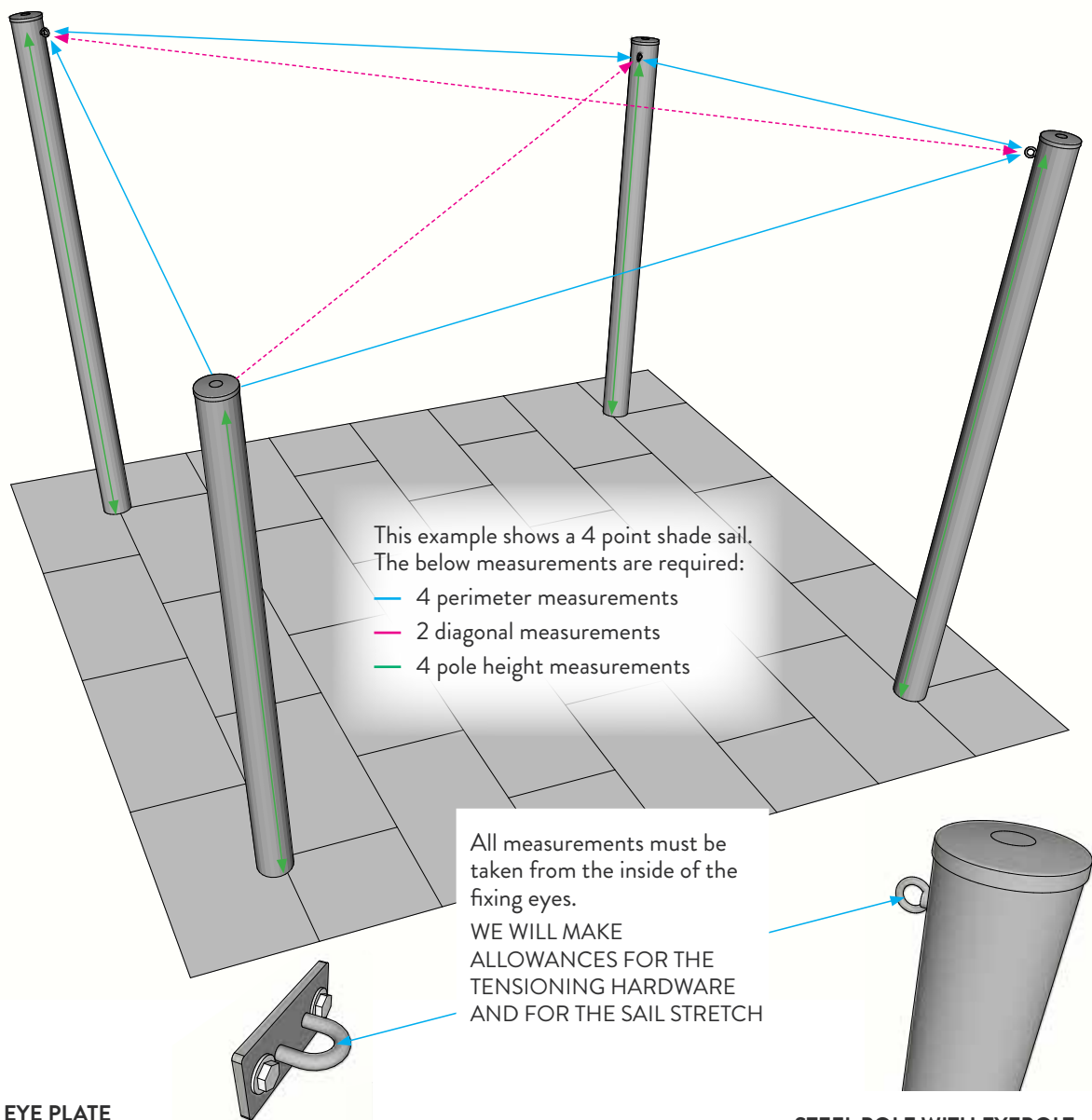
The depth of post footings, strength of fittings, how fittings are fixed to walls are all things look at when installing your shade sail. Installation quality of your shade sail is not an area to try to save money in. It will result in a loose or saggy shade sail or worse, a shade sail that could come loose and tear or break away. It is well worth spending a little more time and money to ensure your sail is installed correctly the first time round – then you can sleep easy knowing that no harm will come to it.



MEASURING INSTRUCTIONS FOR SHADE SAIL

ALWAYS INSTALL YOUR POLES AND ACCURATELY LOCATE ANY OTHER FIXING POINTS BEFORE MEASURING UP FOR A CUSTOM MADE SHADE SAIL. Custom made sails are specifically manufactured to fit your site, they can be made to almost any shape or size, so ensure all your fixing points are established before measuring your shade sail.

Measuring your shade sail is a critical part of the project. Make sure you take accurate measurements and double check them all while on site. You must have all poles installed first. We also recommend all eyebolts and any other eye plates are installed too. (It is possible to mark where your eye plates will be attached and measure to that mark, but you must be sure the eye plate can fasten at that exact point. This must be noted on your plan).



This example shows a 4 point shade sail. The below measurements are required:

- 4 perimeter measurements
- 2 diagonal measurements
- 4 pole height measurements

All measurements must be taken from the inside of the fixing eyes. WE WILL MAKE ALLOWANCES FOR THE TENSIONING HARDWARE AND FOR THE SAIL STRETCH

EYE PLATE

These are used to fix to beams and walls etc. There are various types of eye plates, choose to suit your application.

STEEL POLE WITH EYEBOLT

A K580 stainless steel eyebolt can be used as a fixing eye on a steel pole.

SHADETEX SAILS ORDER FORM FOR CUSTOM MADE SAILS

All custom made shade sails must be ordered using the paper copy Shadetex Sails Order Form or the online Order Form at www.shadetex.com, this ensures as many details as possible are captured. Shade sails can be complex to measure and manufacture so be sure to communicate all of the site details so your shade sail is made perfectly.

Below is a checklist showing the main steps to fill out an order form. There is a separate order form for each shape shade sail eg. 4-point Sail, 5-point Sail etc. Alternatively you can use the online order tool (dealers only).

JOB REFERENCE

- Use a reference name, address or order number to identify your shade sail order
- Record the Sail #, this is important if you are ordering more than shade sail for the same site

SHAPE AND SIZE

- Draw a sketch of the shape of your shade sail. Label each corner A,B,C etc in clockwise direction
- Add some notes like; North, fence or tree etc. So you know which way round it goes when you are installing

EDGE DETAILS

- Does your shade sail have a track edge?
- Do you require a mid-point? (this is where two sails beside each other might join to each other mid span)
- Would you like standard curves on the edges or do some curves need to be deeper?

HEIGHTS AND FIXINGS

- Take the height of each fixing point. These can be from level ground or a datum line.
- Are your fixing eyes in place?
- Are your fixing eyes horizontal or vertical?
- Is the shade sail fixing to a post or to a building?

FABRIC AND COLOUR

- Choose your fabric type and colour.

STYLE

- Choose your style. Eg. Webbing or Wire Edge.

HARDWARE

- Choose the hardware that you require at each corner point.

NOTES

- Add notes and attach photos of the site. You can also attach other plans or diagrams.

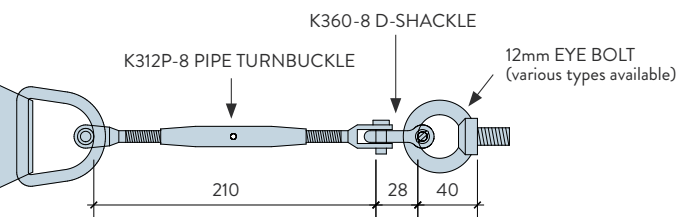


STANDARD CORNER FITTINGS WEBBING EDGE SHADE SAIL

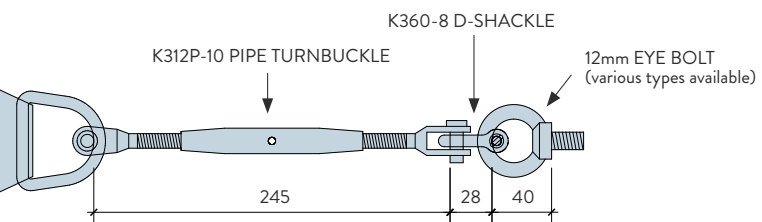
The guide below shows the fittings we suggest using to fix and tension your Webbing Edge Shade Sail. There are many different types of fitting options and sizes available. These fittings will not suit every application.

NOTE: THIS IS AN INDICATIVE GUIDE AND IS NOT CERTIFIED BY A STRUCTURAL ENGINEER.

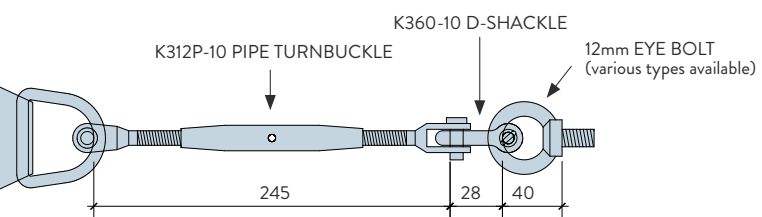
SMALL SHADE SAILS 9m - 17.99m PERIMETER



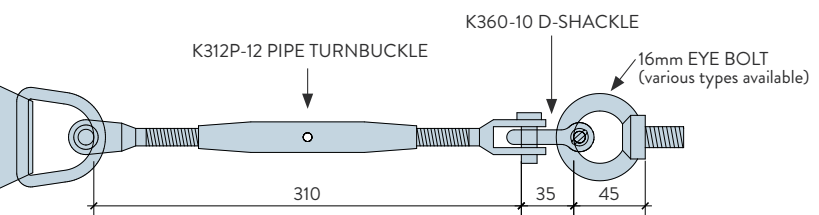
SMALL / MEDIUM SHADE SAILS 18m - 24.99m PERIMETER



MEDIUM SHADE SAILS 25m - 31.99m PERIMETER



LARGE SHADE SAILS 32m - 41.99m PERIMETER



EXTRA LARGE SHADE SAILS Over 42m PERIMETER

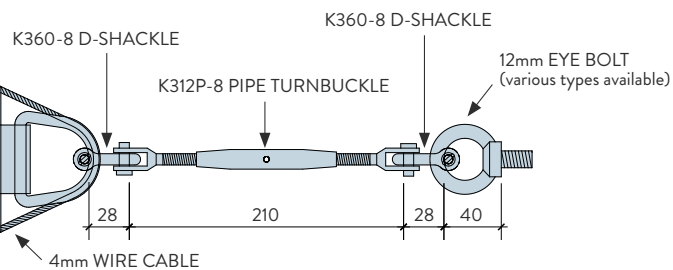
Fittings for extra large shade sails should be selected carefully. If you are unsure, seek professional advice.

STANDARD CORNER FITTINGS WIRE EDGE SHADE SAIL

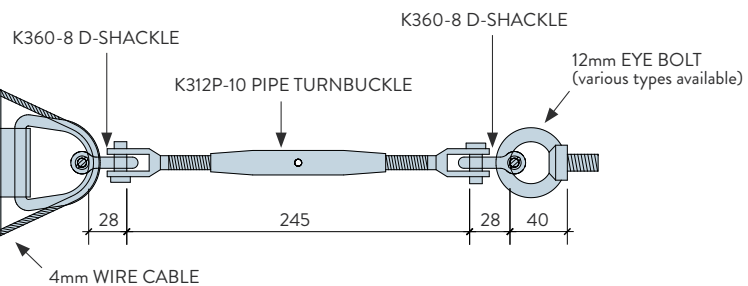
The guide below shows the fittings we suggest using to fix and tension your Wire Edge Shade Sail. There are many different types of fitting options and sizes available. These fittings will not suit every application.

NOTE: THIS IS AN INDICATIVE GUIDE AND IS NOT CERTIFIED BY A STRUCTURAL ENGINEER.

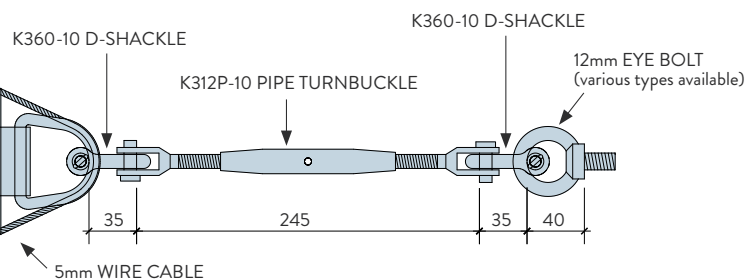
SMALL SHADE SAILS 9m - 17.99m PERIMETER



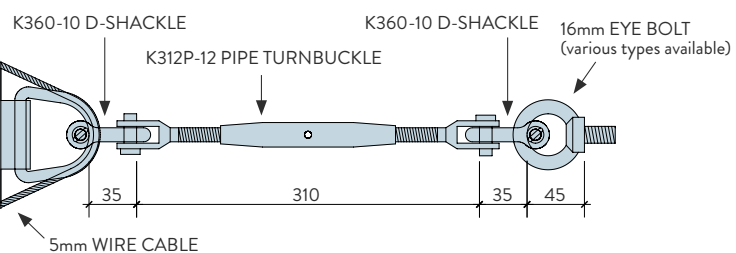
SMALL / MEDIUM SHADE SAILS 18m - 24.99m PERIMETER



MEDIUM SHADE SAILS 25m - 31.99m PERIMETER



LARGE SHADE SAILS 32m - 41.99m PERIMETER



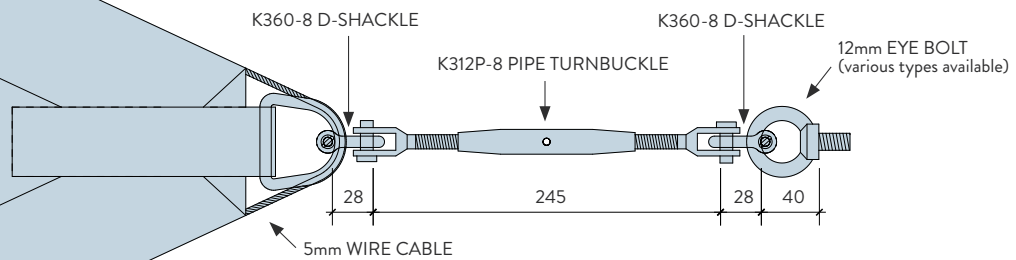
EXTRA LARGE SHADE SAILS Over 42m PERIMETER

Fittings for extra large shade sails should be selected carefully. If you are unsure, seek professional advice.

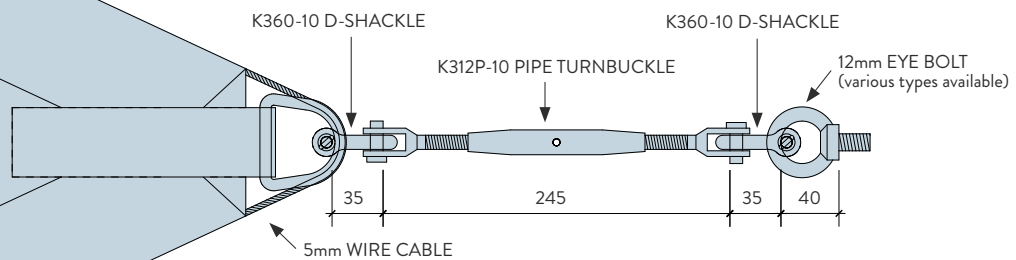
STANDARD CORNER FITTINGS WATERPROOF PVC SAIL

The guide below shows the fittings we suggest using to fix and tension your PRO 1.0 and PRO 2.0 PVC Sail. There are many different types of fitting options and sizes available. These fittings will not suit every application. NOTE: THIS IS AN INDICATIVE GUIDE AND IS NOT CERTIFIED BY A STRUCTURAL ENGINEER.

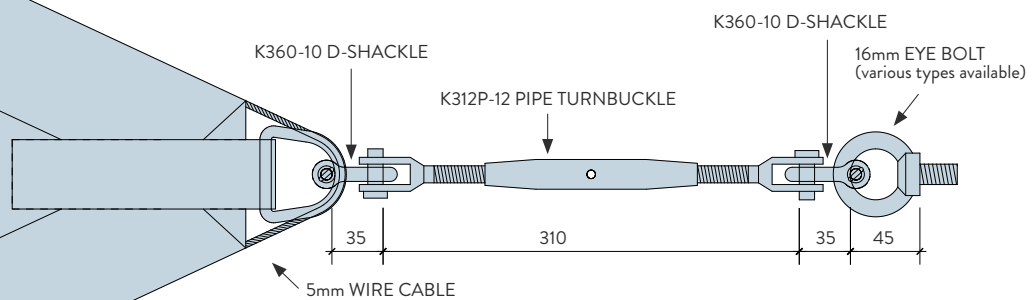
SMALL PVC SAILS 9m - 15.99m PERIMETER



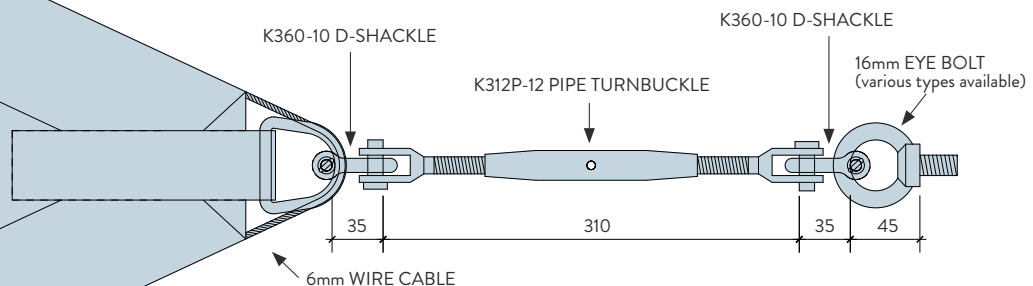
SMALL PVC SAILS 16m - 21.99m PERIMETER



MEDIUM PVC SAILS 22m - 27.99m PERIMETER



MEDIUM PVC SAILS 28m - 35.99m PERIMETER



LARGE PVC SAILS Over 36m PERIMETER

Fittings for extra large shade sails should be selected carefully. If you are unsure, seek professional advice.

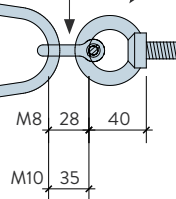
OTHER TYPES OF CORNER FITTINGS

The guide below shows other types of fittings you can use to fix Shade Sail. There are many different types of fitting options and sizes available. These fittings will not suit every application.

NOTE: THIS IS AN INDICATIVE GUIDE AND IS NOT CERTIFIED BY A STRUCTURAL ENGINEER.

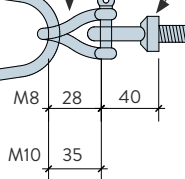
K360-8 D-SHACKLE

12mm EYE BOLT (various types available)
Mounted Horizontally



K380-8/10 TWISTED SHACKLE

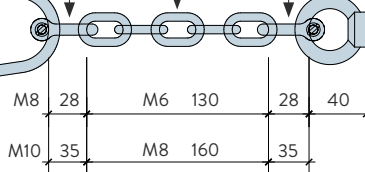
12mm EYE BOLT (various types available)
Mounted Vertically



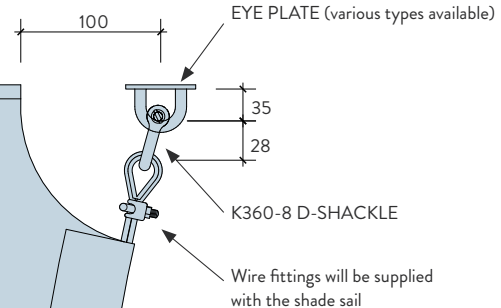
K380-8/10 D-SHACKLE K380-8/10 D-SHACKLE

C6.130 / C8.160
CHAIN ADJUSTER

12mm EYE BOLT
(various types available)



SSHDT SAIL TRACK (screwed to wall or beam)

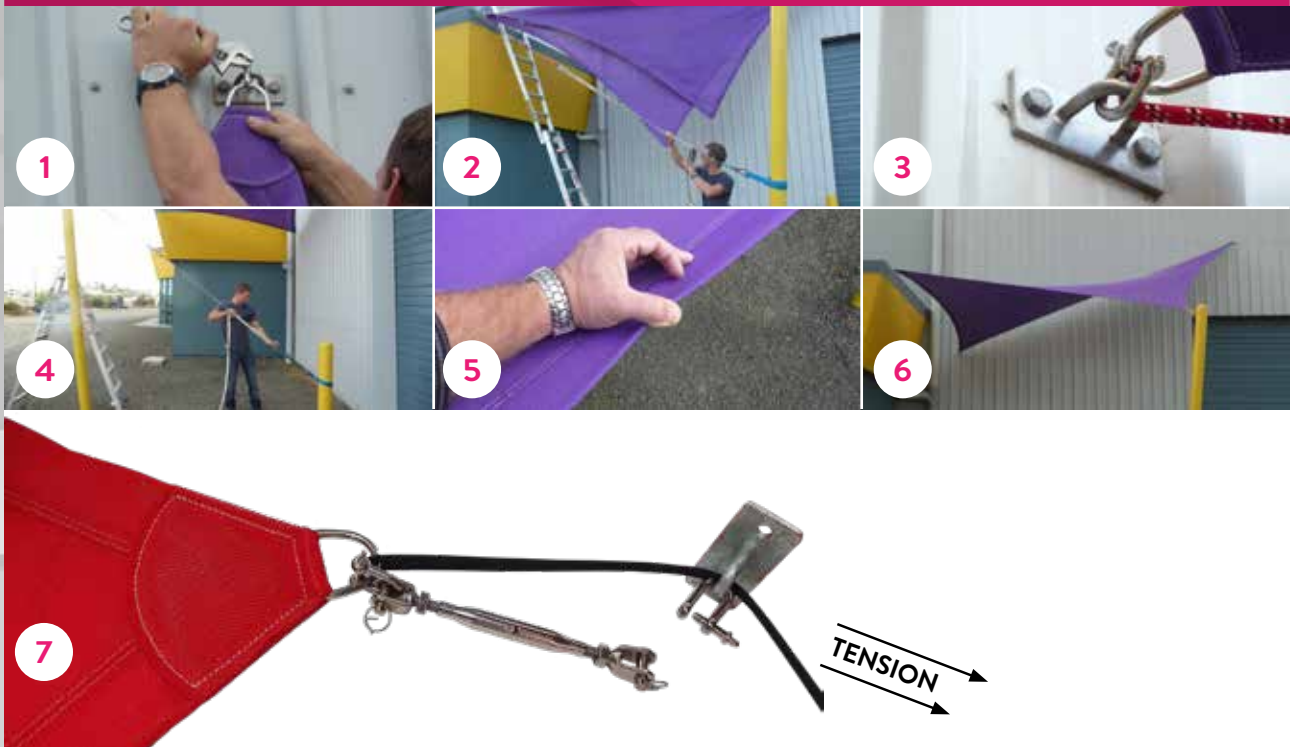


FITTING INSTRUCTIONS FOR WEBBING EDGE SHADE SAIL

Always attach points without adjustment first (points that have no turnbuckles or adjusters and mount directly to the fixing eye). In these pictures, there are 3 points without adjusters.

You should be able to attach the first one or two points by hand. To attach the rest of the points you will need to use a strong piece of braided cord or rope – loop this around the dee ring, then through the fixing eye (as shown in **fig 3 & 7**).

The rope can then be tensioned by hand or using a tensioning device (load ratchet or winch etc). In this case a load ratchet has been used and is anchored to nearby poles. Once the point has been connected the temporary rope can be released/removed and shackles or locknuts tightened.



When attaching a point that has a turnbuckle adjuster, always remember to extend the turnbuckle to full length first.

After all points have been attached, the turnbuckles can then be tightened until the shade sail is flat and tight. Remember to always use a thread grease on the turnbuckle threads as this helps prevent them from cross-threading when tightening under load (see NuLan page 37).

The key to a good fit is to get the webbing as tight as possible with even tension on all sides. Just remember the tighter it is - the longer it will last and the better it will look!

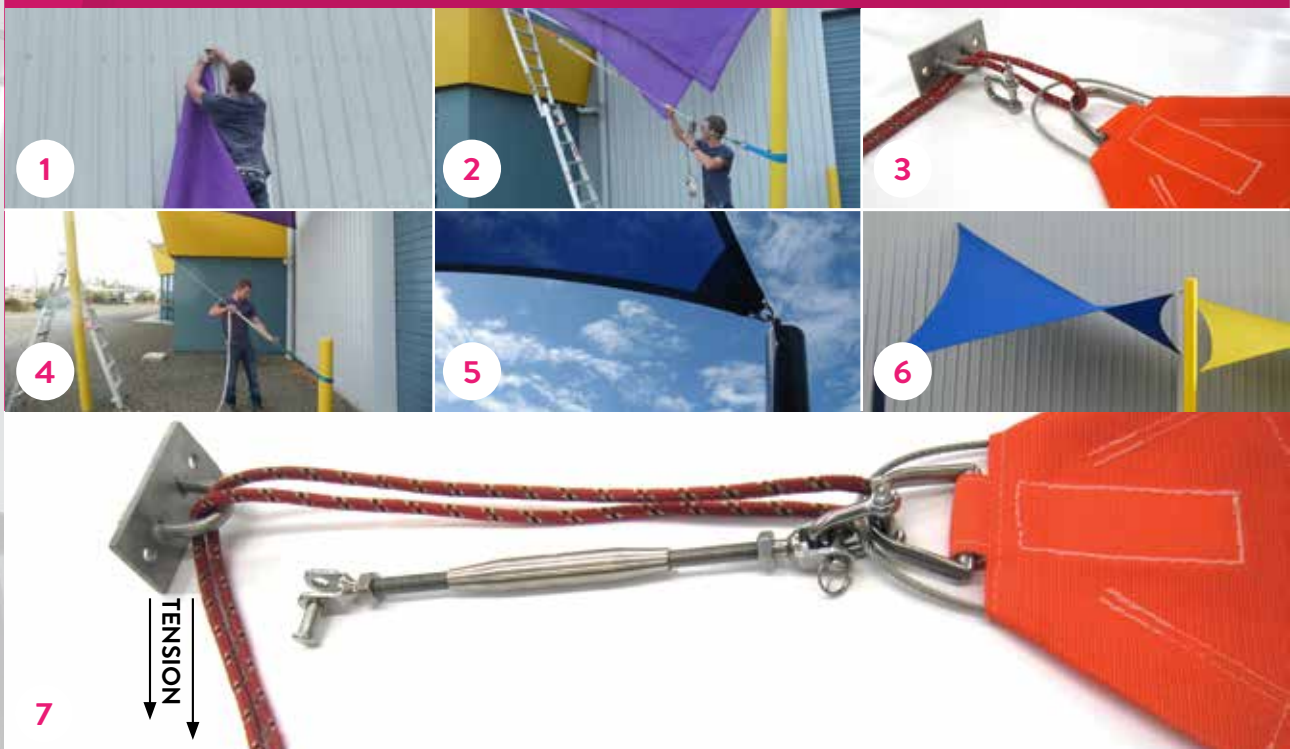
FITTING INSTRUCTIONS FOR WIRE EDGE SHADE SAIL

Loosen or remove wire grips, allowing the wire cable to move freely inside the sail hem.

Always attach points without adjustment first. These are the points of the sail which have no turnbuckles or adjusters and mount directly to the fixing eye.

You should be able to attach the first one or two points by hand. To attach the rest of the points you will need to use a strong piece of braided cord or rope – loop this around the D ring, then through the fixing eye (as shown in **fig 3 & 7**).

The rope can then be tensioned by hand or using a tensioning device (load ratchet or winch etc). Once the point has been connected, the temporary rope can be released/removed and shackles or locknuts tightened with a crescent or shackle key.



When attaching a point that has a turnbuckle adjuster, always extend the turnbuckle to full length first.

After all sail points have been attached, tighten up the turnbuckles about half the anticipated distance. The wire cable can now be pulled tight by hand and clamped off using the wire grips. Finish tightening turnbuckles until both wire and fabric become snug.

It may be necessary to release the turnbuckles and re-adjust the perimeter wire to get the correct ratio between the wire cable and the fabric.

The key to a good fit is the relationship between wire tension and fabric tension – if the perimeter wire is too tight the sail will sag in the middle, or if the perimeter wire is too loose the edges will be limp and too much pressure will be applied to the fabric at each corner of the sail.

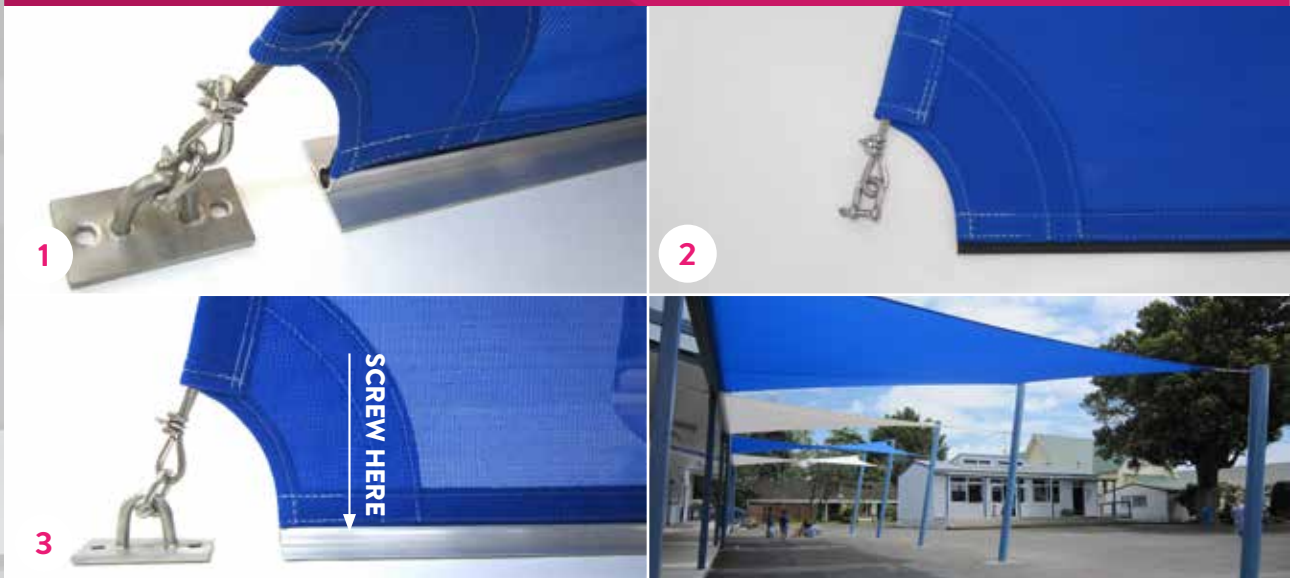
FITTING INSTRUCTIONS FOR TRACK EDGE SHADE SAIL

Always attach the track side of the shade sail first. Insert the bolt rope edging into the alloy sail track. Position this edge at its correct location.

Use small screws to hold this edge in its correct location. The screws are also used to hold tension along this edge - these are placed where shown in **fig 3**.

We allow 1% stretch for the bolt rope, so fix a screw at one end then apply tension along this edge using the eyelet or webbing loop sewn to the sail before fixing the next screw.

Attach the other sail points as per standard wire edge shade sail. Once all points have been attached you then connect the wire cable to the fixing eyes at either end of the sail track using the wire rope thimbles and grips.



Continue to tighten as per standard wire edge shade sail.

Remember: the key to a good fit is the relationship between wire tension and fabric tension – if the perimeter wire is too tight the sail will sag in the middle, or if the perimeter wire is too loose the edges will be limp and too much pressure will be applied to the fabric at each corner of the sail.

TIPS

It is best if you file around the opening of the alloy track to stop the bolt rope snagging when inserting it. Silicon spray helps the bolt rope edging slide along in the alloy track.

We have dealt with Shadetex Sails quite some time now, and have found Seth Turley, and all the other staff we interact with, to be professional, prompt and knowledgeable about their products and very helpful in sourcing items that relate to their range that they may immediately stock.

Trace

We had our first season with Shadetex Sails as our exclusive supplier for our high quality custom made Sail Shades. We are extremely satisfied with the final product we obtain and the support provided by the employees who work on our behalf. Unlike our last supplier we get a product that is always perfect and just in time. The adjustments on the field are always right and superbly tight without any folds. We are considering a long association with our supplier Shadetex Sails from New Zealand because of the quality of the product as well as the communications who is exceptional.











Francois



SHADETEX SAILS
SUPERIOR SUN SHADE

GUIDE FOR POLES AND FOOTINGS

NOTE: THIS IS AN INDICATIVE GUIDE FOR STANDARD SHADE SAILS AND IS NOT CERTIFIED BY A STRUCTURAL ENGINEER. All sizes are based on firm ground conditions and med/high wind zone areas. Sites and situations vary therefore these sizes will not apply to every situation. Please use with care.

SHADE SAIL SIZE	POLE HEIGHT See diagram next page	ROUND TIMBER 	SQUARE SECTION STEEL 	ROUND SECTION STEEL 	FOOTING DEPTH See diagram next page	FOOTING BORE DIAMETER See diagram next page
4m x 4m						
	2.5m	175 SED	75 x 75 x 3	89.0 x 3.2	1.0m	300mm
	3m	200 SED	75 x 75 x 3	102.1 x 3.2	1.0m	300mm
	3.5m	200 SED	100 x 100 x 3	114.3 x 3.6	1.1m	300mm
	4m	225 SED	100 x 100 x 3	114.4 x 3.6	1.2m	300mm
	4.5m	255SED	100 x 100 x 6	114.3 x 4.5	1.3m	300mm
	5m	255 SED	125 x 125 x 5	139 x 4.5	1.4m	300mm
5m x 5m						
	2.5m	200 SED	75 x 75 x 4	102.0 x 3.2	1.2m	350mm
	3m	200 SED	100 x 100 x 4	114.3 x 3.6	1.2m	350mm
	3.5m	225 SED	100 x 100 x 4	114.3 x 3.6	1.2m	350mm
	4m	225 SED	100 x 100 x 4	114.3 x 4.5	1.3m	350mm
	4.5m	225 SED	100 x 100 x 5	139.7 x 4.5	1.3m	350mm
	5m	250 SED	125 x 125 x 4	139.7 x 4.5	1.4m	350mm
6m x 6m						
	2.5m	200 SED	100 x 100 x 4	114.3 x 3.6	1.2m	400mm
	3m	225 SED	100 x 100 x 5	114.3 x 4.5	1.2m	400mm
	3.5m	225 SED	100 x 100 x 5	139.7 x 4.5	1.3m	400mm
	4m	250 SED	125 x 125 x 4	139.7 x 4.5	1.3m	400mm
	4.5m	250 SED	125 x 125 x 5	165.1 x 5	1.4m	400mm
	5m	250 SED	125 x 125 x 5	165.1 x 5	1.5m	400mm
7m x 7m						
	2.5m	225 SED	100 x 100 x 5	114.3 x 4.5	1.3m	450mm
	3m	225 SED	100 x 100 x 5	139.7 x 4.5	1.4m	450mm
	3.5m	250 SED	125 x 125 x 5	139.7 x 4.5	1.4m	450mm
	4m	250 SED	125 x 125 x 5	139.7 x 4.5	1.5m	450mm
	4.5m	250 SED	125 x 125 x 5	165.1 x 5	1.6m	450mm
	5m	275 SED	125 x 125 x 5	165.1 x 5	1.7m	450mm
8m x 8m						
	2.5m	225 SED	125 x 125 x 5	139.7 x 4.5	1.4m	450mm
	3m	250 SED	125 x 125 x 5	139.7 x 4.5	1.5m	450mm
	3.5m	250 SED	150 x 150 x 5	165.1 x 5	1.6m	450mm
	4m	275 SED	150 x 150 x 5	165.1 x 5	1.6m	450mm
	4.5m	275 SED	150 x 150 x 5	165.1 x 5	1.7m	450mm
	5m	300 SED	200 x 200 x 5	219.1 x 6	1.8m	450mm
9m x 9m						
	2.5m	250 SED	125 x 125 x 5	139.7 x 4.5	1.6m	450mm
	3m	250 SED	125 x 125 x 6	165.1 x 5	1.7m	450mm
	3.5m	275 SED	150 x 150 x 5	165.1 x 5	1.8m	450mm
	4m	275 SED	150 x 150 x 5	165.1 x 5	1.9m	450mm
	4.5m	300 SED	200 x 200 x 5	219.1 x 6	2.0m	450mm
	5m	300 SED	200 x 200 x 6	219.1 x 6	2.1m	450mm
10m x 10m						
	2.5m	250 SED	150 x 150 x 5	165.1 x 5	1.8m	450mm
	3m	250 SED	150 x 150 x 5	165.1 x 5	1.9m	450mm
	3.5m	275 SED	150 x 150 x 5	165.1 x 5	2.0m	450mm
	4m	300 SED	200 x 200 x 5	219.1 x 6	2.1m	450mm
	4.5m	300 SED	200 x 200 x 5	219.1 x 6	2.2m	450mm
	5m	325 SED	250 x 250 x 6	219.1 x 6	2.3m	450mm

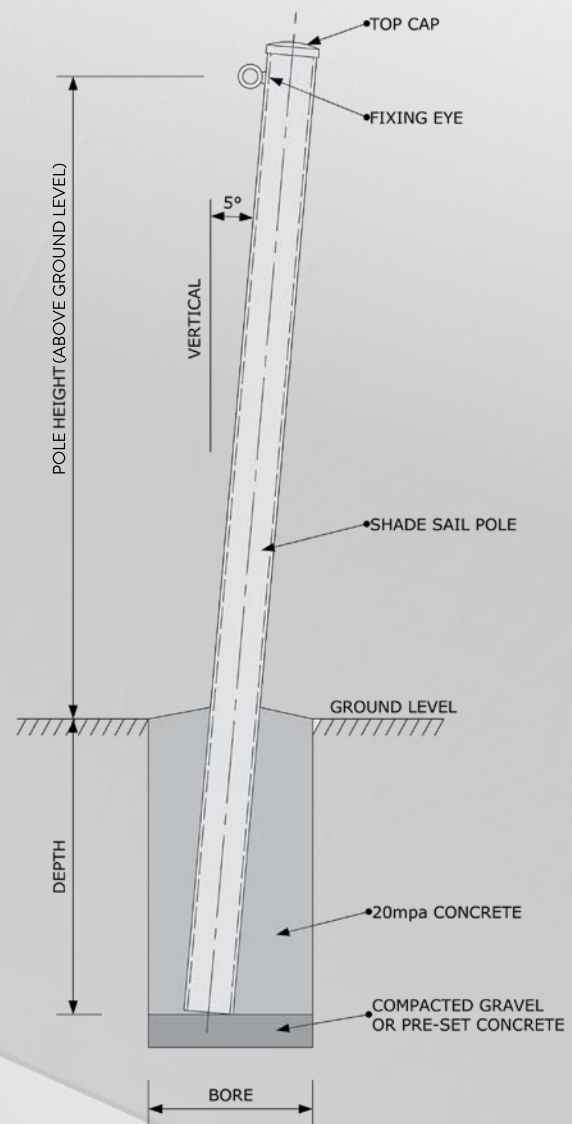
We recommend that shade sail poles are installed with a 5° lean out away from the centre of the sail (direction of pull). This must be taken into account when positioning the poles.

If using steel poles it is advisable to have a galvanised coating to prevent rust. If using timber poles it is advisable to use treated timber. Poles can be painted to match your shade sail or surrounding environment.

Once you have chosen the correct size poles and measured the position of them, dig holes to the required size. Lay a 100mm of medium size gravel at the base of the hole, compact to form a solid pad OR pre-set 100mm of concrete.

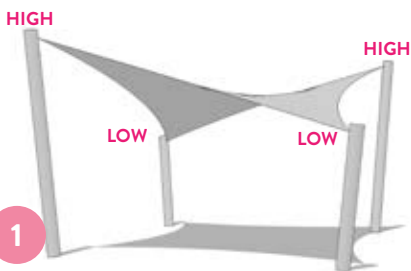
Poles should be embedded in concrete footings with a minimum of 20Mpa concrete. The concrete must be mixed to the manufactures' instructions or supplied by a certified concrete supplier.

Position each pole at a 5° angle leaning out away from the centre of the shade sail and add concrete, ensure the pole remains in the correct position. The top of the concrete surface should be sloping away from the pole to assist with water drainage. You may require bracing while concrete sets. Poles should be left for at least 72 hours to allow the concrete to set.



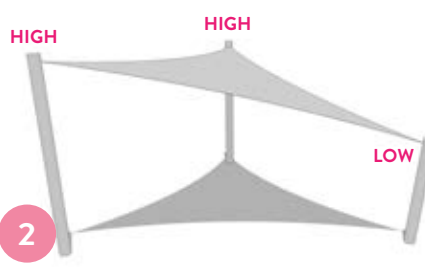
TIPS

We recommend that Shade Sails are installed as shown in fig 1 & 2. Shade Sails can also attach to a building (or existing structure) and to additional poles, but are not limited to this. They can be attached in hundreds of different configurations. It is also possible to use a wire cable to extend your Shade Sail corner to a fixing point.



Hyperbolic Shape

For square and rectangular sails. This helps the shade sail stay tight and look great!



Angled

For triangular sails. This helps prevent sagging in the middle of the shade sail



SHADETEX SAILS

SUPERIOR SUN SHADE

Shadetex Sails are manufactured
by NuRange Products

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Northland, New Zealand 0340

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