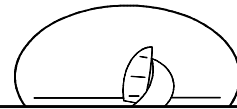


Sunrise Yacht Products



6544 44th Street North #1205 • Pinellas Park, FL 33781 • Phone (727) 526-9288 Fax (727) 528 0351
 e-mail: info@multihullnets.com • website: www.multihullnets.com

TRAMPOLINE / NET QUOTATION

Name _____
 Company _____
 Address _____
 Phone _____
 FAX _____

Boat Witness Catamaran

Dim. in inches	Width		Length	
	Fwd	Aft		
Opening Dim.	126.00	94.00	70.00	70.00
Aprox. Finish Net Dim.	118.6	89.4	64.0	64.0
Lacing Gap	3.0 in			

Prices for: 1 ea.

Finish Net Size ea. 46 Sq Ft

Notes 0

All Stitching in Gor Tex Tenara Thread

WEBBING NETS

average hole size within net

Measured perpendicular to webbing. Because nets are woven to fit non-rectangular shapes, the hole size may vary up to ±1" depending on shape of net

Webbing description	3"	2.5"	2"	1.5"	1"
2" Webbing, 3 Ply Uncoated, Black Polypropylene	\$976.00	\$1,097.00	\$1,237.00		
2" Webbing, 3 Ply Uncoated, White Polyester	\$1,018.00	\$1,143.00	\$1,290.00		
2" Webbing, 3 Ply Vinyl Coated in Choice of Color	\$1,247.00	\$1,375.00	\$1,525.00		
1" Webbing, White Polyester		\$694.00	\$770.00	\$897.00	\$1,056.00
1" Webbing, Vinyl Coated Polyester in Choice of color		\$938.00	\$1,017.00	\$1,148.00	\$1,309.00

Additional Webbing Net Items All Webbing Types

Set of Battens and End caps \$169.50
 Grommet or Boltrope borders on 1" Webbing Net \$228.00

MESH NETS and OPEN NETS

Custom Border

	Borders	Grommets All Sides	Pipe Sleeve All Sides	Rope Border All Sides	Borders All Sides Uncoated
Black Polypropylene , Woven Mesh		\$411.00	\$486.00		NA
Blue Polypropylene , Woven Mesh		\$438.00	\$513.00		NA
Textaline , Mesh Choice of Colors		\$501.00 •	\$576.00 •		NA
Square Hole , Mesh White		\$661.00	\$751.00		NA
Coated Polyester , Mesh Choice of Color		\$689.00 •	\$809.00 •		NA
Offshore , 3/8" Polyester Open Net choice of color		\$756.00	\$876.00		NA
Light Duty , 3/4" Nylon Open Net in Choice of Color		\$471.00 •			NA
Heavy Duty , 1 3/4" Nylon Open Net Choice of Color		Unavailable		Unavailable	Unavailable
Ultra Cross , 1 1/2" Polyester Open Net Choice of Color		\$725.00		\$604.00	\$501.00

- Coated Polyester Mesh, Textaline Mesh and 3/4" Knotless Open Netting over 80 sq ft (7.4 SqM) or on commercial use boats not covered by warranty. Also Single Ply Uncoated Webbing Nets on commercial use boats not covered by warranty. We will be happy to discuss alternative materials for these boats

ATTACHMENT HARDWARE

Quantity	Description	Unit Price	Amount
110 ft	1/4" Polyester double braid white or black	0.35 ft	38.50
	3/16" Polyester double braid white or black	0.30 ft	
	3/16" Spectra 12 strand Silver	0.95 ft	
	Anodized Aluminum Bolt Rope Track , Deck Mount	3.50 ft	
	Hull Mount	4.05 ft	
	Lacing Slides for Track	1.79 ea	
	Stainless Steel EyeStraps	2.65 ea	
	5/8" Round Fiberglass Battens painted white or black	3.65 ft	
	End Caps for 5/8" Battens black Delron w/ SS bolt set of 2	15.00 set	
	7/16" Round Fiberglass Battens clear finish	2.00 ft	
	7/16" Round Fiberglass Battens painted black	2.50 ft	

8 Weeks (Mesh Nets) , 8 Weeks (Webbing Nets) From Order Confirmation

A 50% Deposit is required to confirm an order, Visa, Master Card, or Personal Checks accepted.
 Full payment is due upon completion, Shipments within the USA may be sent COD for the balance due
 Orders Canceled after drawings are complete will be charged a design fee of \$100.00

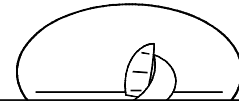
Quotation by:

Richard Leng

Date:

5/16/2006

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Maximum recommended Load Capacity of Net is lessor of Netting or Attachment Hardware. Numbers based on New Material strengths and Nets will deteriorate with exposure and use. Maximum Loads will be reduced by 10% to 50% each year depending on the UV degradation rate of the material

Estimated Net Weights and Loads for <u>Witness Catamaran</u>	
Boat Opening in inches	Width Fwd
	126.00
	Width Aft
	94.00
	Length
	70.00

Mesh Nets (weights for grommets all sides)

	Openness	Weight in Lbs for full set	Netting Maximum Recommended Load in Lbs	Border Attachments Maximum Recommended Load in Lbs
Polypropylene Mesh	16 %	8	1,208	2,917
Textaline	25 %	10	1,080	2,917
Square Hole Mesh	32 %	15	1,780	2,917
Coated Polyester Mesh	41 %	12	555	2,917

Open Nets (weights for grommets all sides)

Offshore 3/8" Polyester Open Net	61 %	15	1,780	2,917
Light Duty 3/4" Nylon Open Net	73 %	8	319	3,779
Heavy Duty 1-3/4" Nylon Open Net	73 %	10	1,529	3,779
Ultra Cross 1-1/2" Polyester Open Net	75 %	10	1,780	2,917

Webbing Nets

2" 3Ply Black w/ 3" average gap	44 %	20	7,061	3,412
2" 3Ply Black w/ 2 1/2" average gap	39 %	22	7,972	3,412
2" 3Ply Black w/ 2" average gap	35 %	25	9,109	3,412
2" 3Ply White w/ 3" average gap	44 %	21	9,928	3,412
2" 3Ply White w/ 2 1/2" average gap	39 %	26	11,156	3,412
2" 3Ply White w/ 2" average gap	35 %	31	12,692	3,412
2" 3Ply Vinyl Coated w/ 3" average gap	44 %	28	9,928	3,412
2" 3Ply Vinyl w/ 2 1/2" average gap	39 %	31	11,156	3,412
2" 3Ply Vinyl Coated w/ 2" average gap	35 %	36	12,692	3,412
1" Polyester w/1" average gap	34 %	17	10,388	3,412
1" Polyester w/ 1 1/2" average gap	44 %	13	8,085	3,412
1" Polyester w/ 2" average gap	51 %	11	6,549	3,412
1" Polyester w/ 2-1/2" average gap	56 %	9	5,449	3,412
1" Coated Polyester w/ 1" average gap	35 %	27	10,388	3,412
1" Coated Polyester w/ 1 1/2" average gap	44 %	21	8,085	3,412
1" Coated Polyester w/ 2" average gap	51 %	18	6,549	3,412
1" Coated Polyester w/ 2-1/2" average gap	56 %	15	5,449	3,412

Notes:

Criteria for Load Calculation	Nylon Mesh/ light duty	Polyester-Polypro Mesh	Nets
Deflection at border	13 deg	10 deg	7 deg
Deflection Locally	25 deg	20 deg	14 deg
Weight per person (Local Load)	160 lbs	160 lbs	160 lbs
Breaking Strength of border Grommet or Lacing Point	850 lbs	1000 lbs	lbs
Number of Grommets or lacing Points per Ft	3	3	
Attachment Point Safe Working Load	200 lbs (eyestraps)	200 lbs (eyestraps)	500 lbs (1/4" Eyebolts)
Number of Attachment Points per Ft	3	3	2
Safety Factor	5	5	8

Load Calculation Formula

For Mesh nets with a border Load = P(Lessor of(Bm/Fs, or Bb/Fs) - (Wp / Sin DI / 2ft)) Sin Db

For Webbing nets without borders Load = P(Bm/Fs) - (Wp / Sin DI / 2ft) Sin Db

For Attachment points Load = P(Lw) Sin Db

Where

P= Finished Net Perimeter in ft

Bb = Breaking Strength for border attachments(grommets, eyestraps ect.)

Fs = Safety Factor

Wp = Weight per Person in lbs

Bm = Material Breaking Strength per Ft (maximum of 500lbs on grommet border mesh nets)

DI = Net Deflection Locally at Load

Db = Net Deflection at Border

Lw = Safe Working Load on Hardware

2ft is a constant representing the perimeter of the local load