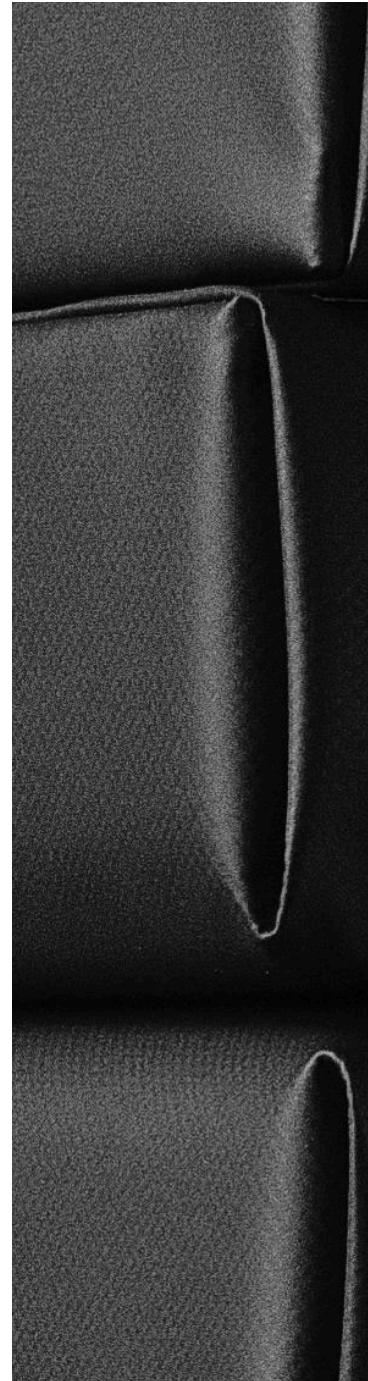




# Product Specifications

Windscreen / Netting / Padding & More



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## Windscreen

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- [18 oz. Vinyl \(100%\)](#)
- [Closed Mesh Polypropylene \(95%\)](#)
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## Netting

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## Padding

**Note:** Padding specifications cover the full range of Collins padding products, but individual padding products may not include every component.

- [Foam Padding](#)
- [Vinyl Pad Wrap](#)
- [1/2" Plywood](#)
- [5/8" Plywood](#)

## More

- [Bleacher Wraps](#)
- [Scaffold Tarps](#)

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# Windscreen

## Specifications

Fabricated 100% in-house

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## 13 Oz. Vinyl

**Colors:** All Standard Colors

Properties	Test Method	Test Result
Weight (Oz./Yd)	ASTM D-5041	13.2
Thickness (inches)	PCCP	0.017"
Warp Tensile Strength	ASTM D-5100	238 lbs.
Fill Tensile Strength	ASTM D-5100	233 lbs.
Warp Tear Strength	ASTM D-2261	132 lbs.
Fill Tear Strength	ASTM D-2261	126 lbs.
Hydrostatic Resistance	ASTM D-5512	375 lbs./in.

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**Georgia**  
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## 18 Oz. Vinyl

**Colors:** All Standard Colors

	<b>Value</b>	<b>Test Method / Notes</b>
Base Fabric (100% Polyester)	1000D x 1300D / 18 x 17	
Weight	18 oz / yard <sup>2</sup>	FS-191-5041
Tensile Strength (Grab)	410 lbs x 410 lbs	FS-191-5100
Tensile Strength (Strip)	300 lbs x 300 lbs	FS-191-5102
Tear Strength (Tongue)	100 lbs x 100 lbs	FS-191-5134
Adhesion Strength	12 x 10 lbs / inch	FS-191-5970
Abrasion Resistance	400 cycles	FS-191-5306
Hydrostatic Resistance	At least 600 lbs / inch <sup>2</sup>	FS-191-5512
U.V. Resistance	Not excessive fading after 300 HRS	Weather-O-Meter
Cold Crack Resistance	-40° F	FS-191-5874
High Temperature Resistance	180° F (Does not Block)	FS-191-5872
Flame Resistance	Available (Special Order)	

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## Closed Mesh Polypropylene

**Colors:** Green, Black

<b>Mechanical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Typical Roll Value</b>	
			<b>MD</b>	<b>CD</b>
Grab Tensile Strength	ASTM D 4632	lbs	420	225
Trapezoid Tear Strength	ASTM D 4533	lbs	125	90
Shade		%	95	
Air Flow	ASTM D 737	cfm	>150	
<b>Physical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Typical Roll Value</b>	
Weight	ASTM D 5261	oz/yd sq.	5.6	
Construction		EPI/PPI	30 x 16	
Fiber Content			100% PP	
<b>Thermal Properties</b>				
Softening & Melting Temperature	Soften at 300-310 degrees Fahrenheit and melt at 325-335 degrees Fahrenheit.			
Shrinkage	Shrinkage at boil, 3-9% Shrinkage at 250 degrees Fahrenheit, 5-12.5%			
Flammability	Difficult to ignite and upon burning it melts to a head. Proper additives can produce flame retardancy.			
<b>Additional Properties</b>				
Effects of Moisture	Polypropylene does not absorb moisture.			
Abrasion Resistance	Polypropylene has excellent abrasion resistance.			
Mildew & Insect Resistance	Insects and mildew do not attach to polypropylene.			
Identification	Because of low specific gravity, polypropylene floats on water. Melting point: 325 to 335 degrees Fahrenheit.			
Tensile Properties	Polypropylene monofilaments have an average tenacity range of 4-7 grams per denier. Polypropylene has an ultimate elongation of 14-30%			

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## Open Mesh Polypropylene

**Colors:** Green, Black

<b>Mechanical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Typical Roll Value</b>	
			<b>MD</b>	<b>CD</b>
Grab Tensile Strength	ASTM D 4632	lbs	320	180
Trapezoid Tear Strength	ASTM D 4533	lbs	120	75
Shade		%	78	
Air Flow	ASTM D 737	cfm	>300	
<b>Physical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Typical Roll Value</b>	
Weight	ASTM D 5261	oz/yd sq.	4.9	
Fiber Content			100% PP	
<b>Thermal Properties</b>				
Softening & Melting Temperature	Soften at 300-310 degrees Fahrenheit and melt at 325-335 degrees Fahrenheit.			
Shrinkage	Shrinkage at boil, 3-9% Shrinkage at 250 degrees Fahrenheit, 5-12.5%			
Flammability	Difficult to ignite and upon burning it melts to a head. Proper additives can produce flame retardancy.			
<b>Additional Properties</b>				
Effects of Moisture	Polypropylene does not absorb moisture.			
Abrasion Resistance	Polypropylene has excellent abrasion resistance.			
Mildew & Insect Resistance	Insects and mildew do not attach to polypropylene.			
Identification	Because of low specific gravity, polypropylene floats on water. Melting point: 325 to 335 degrees Fahrenheit.			
Tensile Properties	Polypropylene monofilaments have an average tenacity range of 4-7 grams per denier. Polypropylene has an ultimate elongation of 14-30%			

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## Commercial Closed Mesh Polypropylene

**Colors:** Green & Black

Properties		
Material Composition	100% Polypropylene	
Construction	30 X 15	
Weight (oz/yd2)	5.9	
Shade / Wind Blockage	90%	
Tensil Strength (lbs)	Warp: 415	Weft: 262
Burst Strength (psi)	414	

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## Commercial Open Mesh Polypropylene

**Colors:** Green & Black

Properties		
Material Composition	100% Polypropylene	
Weight (oz/yd <sup>2</sup> )	4.7	
Shade / Wind Blockage	75%	
Tensil Strength (lbs)	Warp: 275	Weft: 114
Burst Strength (psi)	290	

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## Polyester

**Colors:** All standard colors

Mechanical Properties	Warp	Fill
Adhesion (5970)	7 $\pm$ 2 lbs/2 in.	7 $\pm$ 2 lbs/2 in.
Tensile Strength (5100)	220 $\pm$ 20 lbs/in.	260 $\pm$ 20 lbs/in.
Tear Strength (5134)	90 $\pm$ 20 lbs	90 $\pm$ 20 lbs

Physical Properties	
Weight	9 Oz/Yd Sq. +/- 0.5
Base Fabric	9x12 1000 Denier Poly WI Flat
Embossing	None

Other Properties	
Fire Retardant	Various Colors ONLY - Call For Info (Test Method: MVSS302)
Heat Sealability	Yes
Shade Screen Factor	80%
Air Permeability	> 340 CFM/F Sq.
Burst Strength ASTM D 751	320 Lbs/2 Inches

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## Commercial 95

**Colors:** Various

<b>Fabric Properties</b>	
Nominal Fabric Mass	10 Oz. / yd. sq., 340 gsm +/- 20
Approximate Thickness	0.6 in / 1.6 mm
<b>Roll Specifications</b>	
Nominal Width	9 ft. 10 in. / 3.0 m (folded)
Length	131 ft. 3 in. / 40 m
Approximate Roll Weight	97 lbs. / 44 m
Approximate Roll Diameter	1.05 ft. / 0.32 m
Core Diameter	1.38 in. / 35 mm
<b>Tensile Strength and Elongation (ASTM D5034)</b>	
Maximum Force - Warp (Mean)	189.1 lbf
Elongation at Maximum Force - Warp (Mean)	103.67%
Maximum Force - Weft (Mean)	462.3 lbf
Elongation at Maximum Force (Mean)	63%
<b>Tearing Strength - Tongue (Single Rip) (ASTM D2261)</b>	
Mean Force - Warp	52.2 lbf
Mean Force - Weft	52.2 lbf
<b>Bursting Strength - Ball Burst (Constant Rate of Extension) (ASTM D6797)</b>	
Mean Force	422 lbf
<b>Other Properties</b>	
Flammability (Special Order)	ASTM E84 19B Class A

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## Solamesh

**Colors:** Various

Property	Value
Width	118 inches
Roll Length	54.6 yards
Unit of Measure	Yard
Weight	9.5 oz/yd <sup>2</sup>
Country of Origin	Korea
Material	HDPE Monofilament and Tape Yarns
Phthalate Free	Yes
Warp Knit	Yes
Warranty	10 Year
Shipped	Folded

Test	Method	Warp	Weft
Tensile Strength	AS 2001.2.3	1100N	1600N
Tearing Strength	AS 2001.2.10 (Wing Tear)	195N	247N
Elongation	AS 2001.2.3 (Grab Method)	93.50%	50.40%
Burst Strength	AS 2001.2.4 (Ball Burst)	1905N	
FR Testing	ASTM E84; NFPA 701 TM1 and TM2	Pass	

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## Construction Fence Screen

**Colors:** Green, Black, Brown, Beige, Royal Blue, Red, Orange, Gray, White

Properties	
Material Composition	Knitted HDPE High Density Polyethylene
Filament Strength	50 lbs. per ft.
Material Break Strength	500 lbs. per ft.
Material Weight	130 grams per sq. meter
Crystalline Melt Point	133 degrees C
Composition of UV Inhibitor	1.5% Amplas CM111821 / 1.5% Equaster CM106000
Shade Value	88%
Flammability Point	364 degrees C

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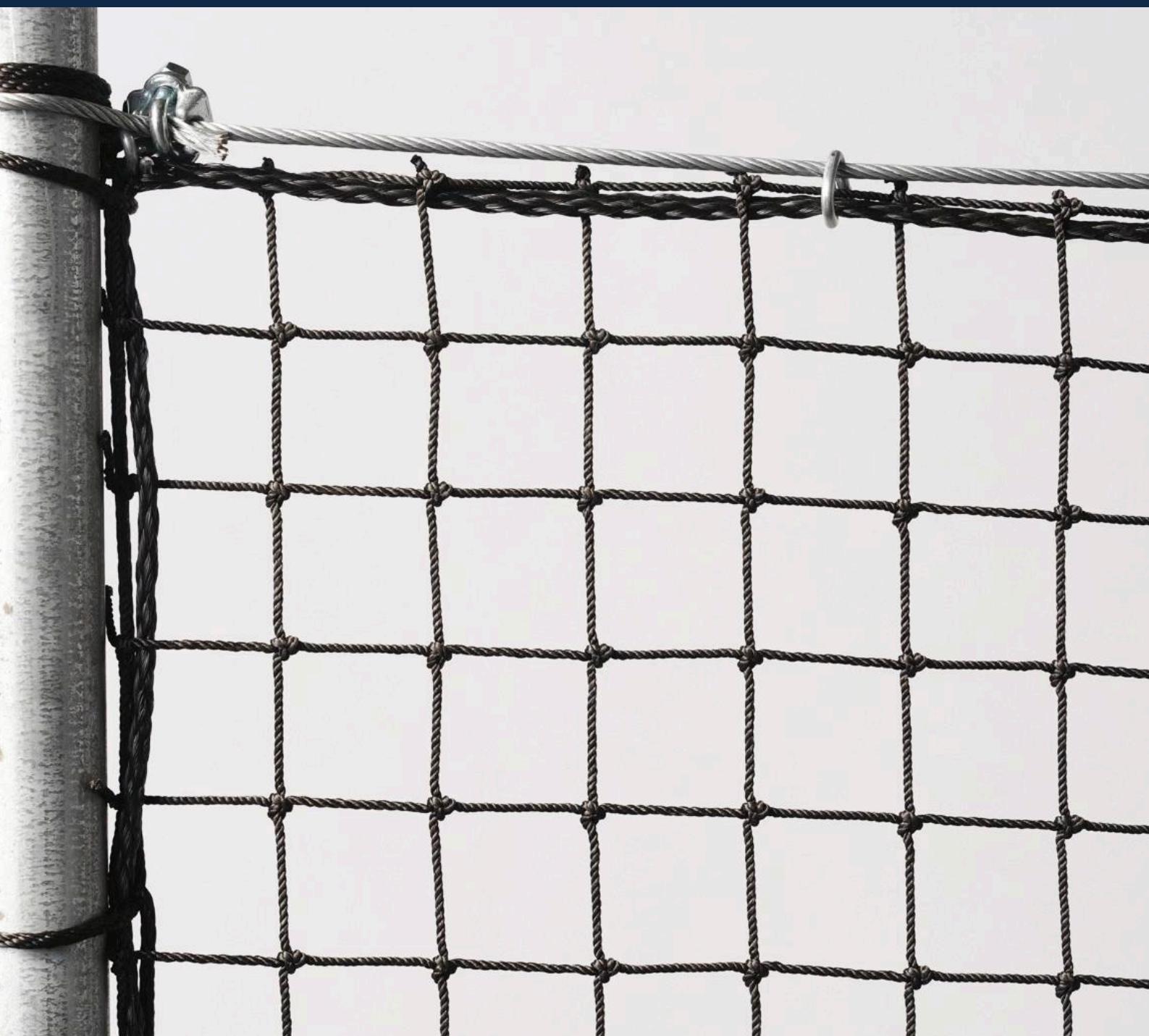
### Georgia

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# Netting

## Specifications

Fabricated 100% in-house





## #18 Dyneema Baseball Netting

**Colors:** Black

Properties	
Style	210/45 US #18
Fiber	100% Dyneema
Yard Tenacity	40 Grams Per Denier
Stretched Mesh Size (Inches)	3 3/4" Knot center to Knot center
Relaxed Mesh Size (Inches)	1 7/8"
Depth	400 MD
Construction	Twisted Knotted
Finish	Black bonded
Twine Diameter	1.69 mm (0.067 inches)
Netting Break Strength	142.9 kg (315 lb.) - According to ISO 1806

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## #24 Knotted Square Nylon Netting

**Colors:** Black

Properties		
Meshes Deep	200 MD	
Denier Number	210/72	
U.S. Number	24	
Approximate Diameter, mm	2.10	
Lineal Density, Denier	22,680	
Twisting	S: 262	Z: 133
Breaking Strength, lb	250	
m/Kg	390	
Square Feet/Lb	34	
Stretched Mesh Size, Inches	3 3/4"	
Relaxed Mesh Size, Inches	1 7/8"	
Twine Diameter, Inches	0.083	
Twine Surface Area, Inches	12.60	
Percentage Covered, Including Knot	0.09	
Wind Block	8.7%	

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## #36 Knotted Nylon Baseball Netting

**Colors:** Black

Properties		
Meshes Deep	200 MD	
Denier Number	210/96	
U.S. Number	36	
Approximate Diameter, mm	2.72	
Lineal Density, Denier	30,330	
Twisting	S: 262	Z: 133
Breaking Strength, lb	340	
m/Kg	297	
Square Feet/Lb	25	
Stretched Mesh Size, Inches	3 3/4"	
Relaxed Mesh Size, Inches	1 7/8"	
Twine Diameter, Inches	0.107	
Twine Surface Area, Inches	16.45	
Percentage Covered, Including Knot	0.12	
Wind Block	11.99%	

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## #42 Knotted Nylon Baseball Netting

**Colors:** Black

Properties		
Meshes Deep	200 MD	
Denier Number	210/120	
U.S. Number	42	
Approximate Diameter, mm	2.95	
Lineal Density, Denier	37,710	
Twisting	S: 252	Z: 121
Breaking Strength, lb	372	
m/Kg	239	
Stretched Mesh Size, Inches	3 3/4"	
Relaxed Mesh Size, Inches	1 7/8"	
Twine Diameter, Inches	0.116	
Twine Surface Area, Inches	17.84	
Percentage Covered, Including Knot	0.13	
Wind Block	13.01%	

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## #60 Knotted Nylon Baseball Netting

**Colors:** Black

Properties		
Meshes Deep	200 MD	
Denier Number	210/120	
U.S. Number	60	
Approximate Diameter, mm	2.95	
Lineal Density, Denier	37,710	
Twisting	S: 252	Z: 121
Breaking Strength, lb	372	
m/Kg	118	
Stretched Mesh Size, Inches	3 3/4"	
Relaxed Mesh Size, Inches	1 7/8"	
Twine Diameter, Inches	0.116	
Twine Surface Area, Inches	17.84	
Percentage Covered, Including Knot	0.13	
Wind Block	13.01%	

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## #96 Knotted Nylon Baseball Netting

**Colors:** Black

<b>Properties</b>	
Meshes Deep	100 MD
Denier Number	210/234
U.S. Number	96
Approximate Diameter, mm	4.3
Lineal Density, Denier	76,500
Twisting	S: 202      Z: 86
Breaking Strength, lb	892 Minimum
m/Kg	118
Stretched Mesh Size, Inches	3 3/4"
Relaxed Mesh Size, Inches	1 7/8"
Twine Diameter, Inches	0.169
Twine Surface Area, Inches	26
Percentage Covered, Including Knot	0.19
Wind Block	18.96%

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## #420 Knotless Nylon Baseball Netting

**Colors:** Black

Properties	
Style	RN-0420 (#420)
Twine	630 Yarn 210/50
Fiber	100% White Nylon 6 Yard Solution Dyed Black
Stretched Mesh Size, Inches	3 3/4"
Relaxed Mesh Size, Inches	1 7/8"
Construction	Raschel Knotless Netting
Finish	UV Stabilized and Heat-set
Break Strength	265 lb. Test. Break strength is determined by pulling one mesh until it breaks at the weakest point, regardless of location of break.
Yield	50 Square Feet Per Lb. (approximate)

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## Golf Netting

**Colors:** Black

Properties	
Style	RPP-23121 Black
Twine	840 Denier Yarn
Fiber	100% High Tenacity Polypropylene Black
Mesh Size	7/8" Mesh - 585 Mesh Deep
Construction	Single Bar Raschel Knotless Netting
Finish	UV Stabilized Yarn Pre-Shrunk Boiling Water Batch
Break Strength	80 lb. Test break strength is determined by pulling one mesh until it breaks at the weakest point, regardless of location of break.
Yield	40 square feet per lb. (approximate)

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## Soccer Netting

**Colors:** Black

Properties	
Style	RPP-23143
Construction	Single Needle Bar Raschel Knit
# of Bars	8
Guage	8
Composition	Knotless Polyester #30
Denier	840
Filaments	200
Tenacity	In excess of 7 grams/Denier
UV	UV Stabilized Yarn
Stretched Mesh	8"
Relaxed Mesh	4" Square
Mesh Depth	292
Tensile Strength	185
Pressure Dyed	Yes
Yield	77 Square feet to the pound

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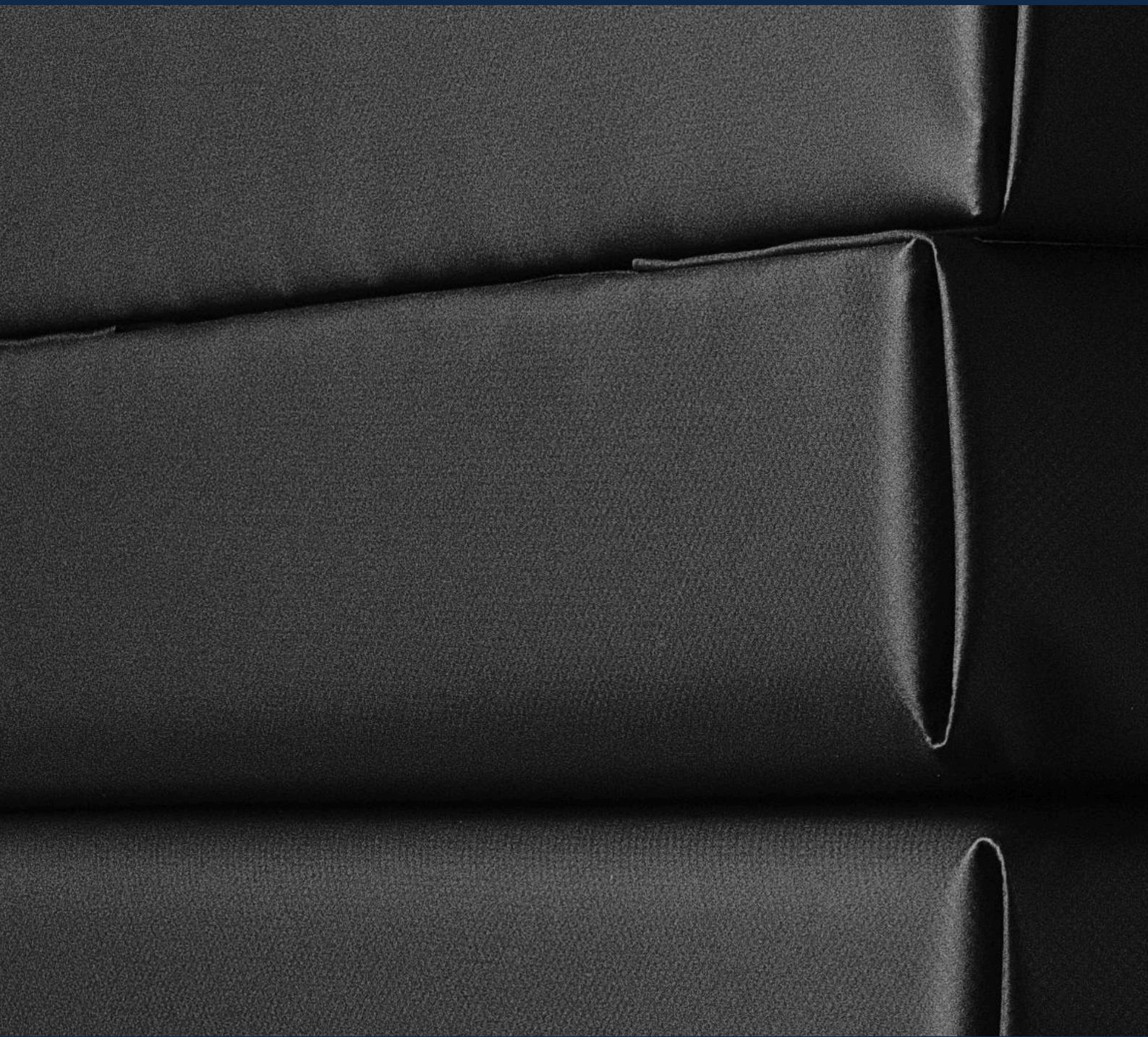
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# Padding

## Specifications

Fabricated 100% in-house

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## Foam Padding

Grade: FA150-052-000

Properties	Specification	Test
Density	1.40 Minimum	ASTM D3574 - A
IFD, 25% @ 4" Thick	48 - 56 lbs/50 in/sq	ASTM D3574 - B1
Air Flow	2.0 SCFM min	ASTM D3574 - G
Tensile	9.0 lbs/sq. in (PSI) Minimum	ASTM D3574 - E
Tear	1.6 lbs/linear in. (PLI) Minimum	ASTM D3574 - F
Elongation	120% Minimum	ASTM D3574 - E
Resiliency	35 Minimum	ASTM D3574 - H
Support Factor	1.7 Minimum	ASTM D3574 - B1
Compression Set @ 90%, 70 Degree C	10% Loss Maximum	ASTM D3574 - D
Flammability*	Pass	Cal TB 117
Color	White	Visual

\*Material is tested prior to shipment and conforms to all standards at the time of shipment. Downstream contamination of material due to dirt or the use of silicones or powders during the handling and/or cutting of the foam may have a significant negative effect on the flammability performance of the foam. Foam is inherently flammable and extreme caution in handling is recommended.

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1375 Weber Industrial Drive  
Cumming, GA 30041



## 18 Oz. Vinyl – Pad Wrap

**Colors:** All Standard Colors

	<b>Value</b>	<b>Test Method / Notes</b>
Base Fabric (100% Polyester)	1000D x 1300D / 18 x 17	
Weight	18 oz / yard <sup>2</sup>	FS-191-5041
Tensile Strength (Grab)	410 lbs x 410 lbs	FS-191-5100
Tensile Strength (Strip)	300 lbs x 300 lbs	FS-191-5102
Tear Strength (Tongue)	100 lbs x 100 lbs	FS-191-5134
Adhesion Strength	12 x 10 lbs / inch	FS-191-5970
Abrasion Resistance	400 cycles	FS-191-5306
Hydrostatic Resistance	At least 600 lbs / inch <sup>2</sup>	FS-191-5512
U.V. Resistance	Not excessive fading after 300 HRS	Weather-O-Meter
Cold Crack Resistance	-40° F	FS-191-5874
High Temperature Resistance	180° F (Does not Block)	FS-191-5872
Flame Resistance	Available (Special Order)	

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## 1/2" Plywood

<b>Properties</b>	
Actual Product Length (in.)	96.000 in
Actual Product Thickness (in.)	0.44 in
Actual Product Width (in.)	48 in
Nominal Product Length (ft.)	8 ft
Nominal Product Thickness (in.)	7/16 in
Nominal Product Width (ft.)	4 ft
Plywood Product Type	OSB
Span Rating	16/0

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## 5/8" Plywood

Properties	
Actual Product Length (in.)	96 in
Actual Product Thickness (in.)	0.58 in
Actual Product Width (in.)	48 in
Nominal Product Length (ft.)	8 ft
Nominal Product Thickness (in.) 7/16	19/32 in
Nominal Product Width (ft.)	4 ft
Plywood Product Type	OSB
Span Rating	24/0

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# More

## Specifications

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## Polyester Mesh (80%) – Bleacher Wrap

**Colors:** All standard colors

Mechanical Properties	Warp	Fill
Adhesion (5970)	7 $\pm$ 2 lbs/2 in.	7 $\pm$ 2 lbs/2 in.
Tensile Strength (5100)	220 $\pm$ 20 lbs/in.	260 $\pm$ 20 lbs/in.
Tear Strength (5134)	90 $\pm$ 20 lbs	90 $\pm$ 20 lbs

Physical Properties	
Weight	9 Oz/Yd Sq. +/- 0.5
Base Fabric	9x12 1000 Denier Poly WI Flat
Embossing	None

Other Properties	
Fire Retardant	Various Colors ONLY - Call For Info (Test Method: MVSS302)
Heat Sealability	Yes
Shade Screen Factor	80%
Air Permeability	> 340 CFM/F Sq.
Burst Strength ASTM D 751	320 Lbs/2 Inches

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## Scaffold Tarp (50 Ft. X 20 Ft.)

**Colors:** Green, Black, Beige

Properties	
Material Composition	Knitted HDPE High Density Polyethylene
Filament Strength	50 lbs. per ft.
Material Break Strength	500 lbs. per ft.
Material Weight	130 grams per sq. meter
Crystalline Melt Point	133 degrees C
Composition of UV Inhibitor	1.5% Amblas CM111821 / 1.5% Equaster CM106000
Shade Value	88%
Flammability Point	Meets CFR 1610 requirement, rated class 1 normal flammability

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## Have questions?

Reach out, we're here to help!

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