



# Padding Specifications

Foam Core + Plywood Backing





# Contents

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## Padding

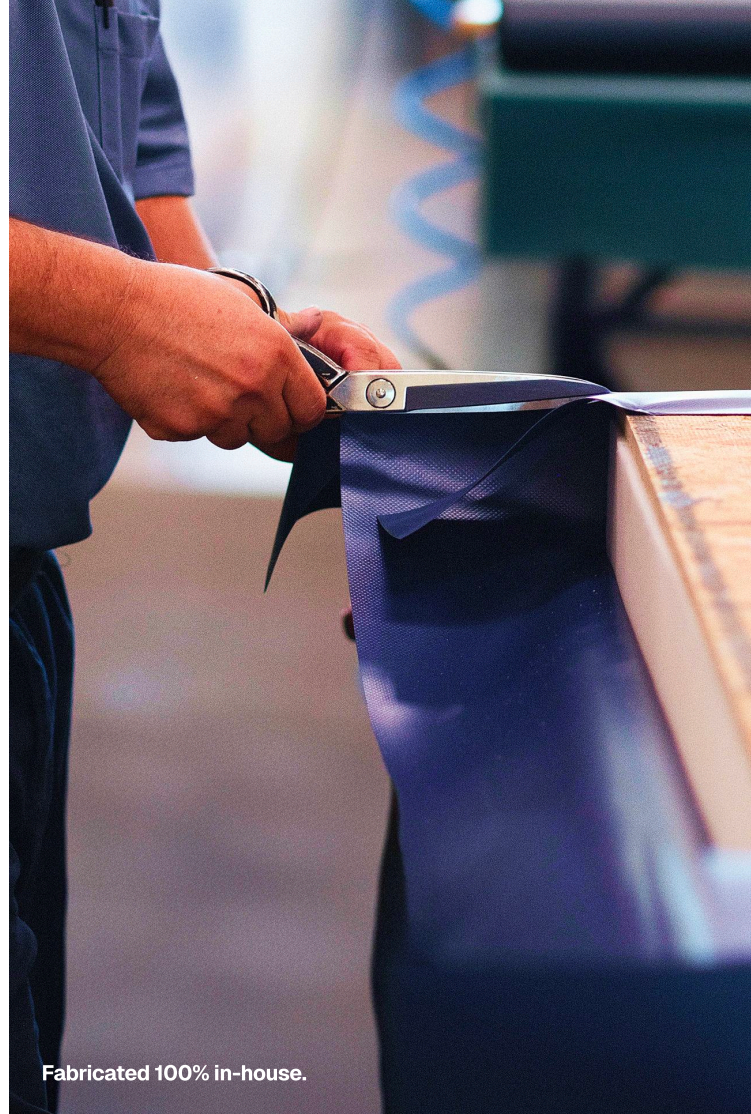
**1/2" Plywood**

**5/8" Plywood**

**Foam Padding**

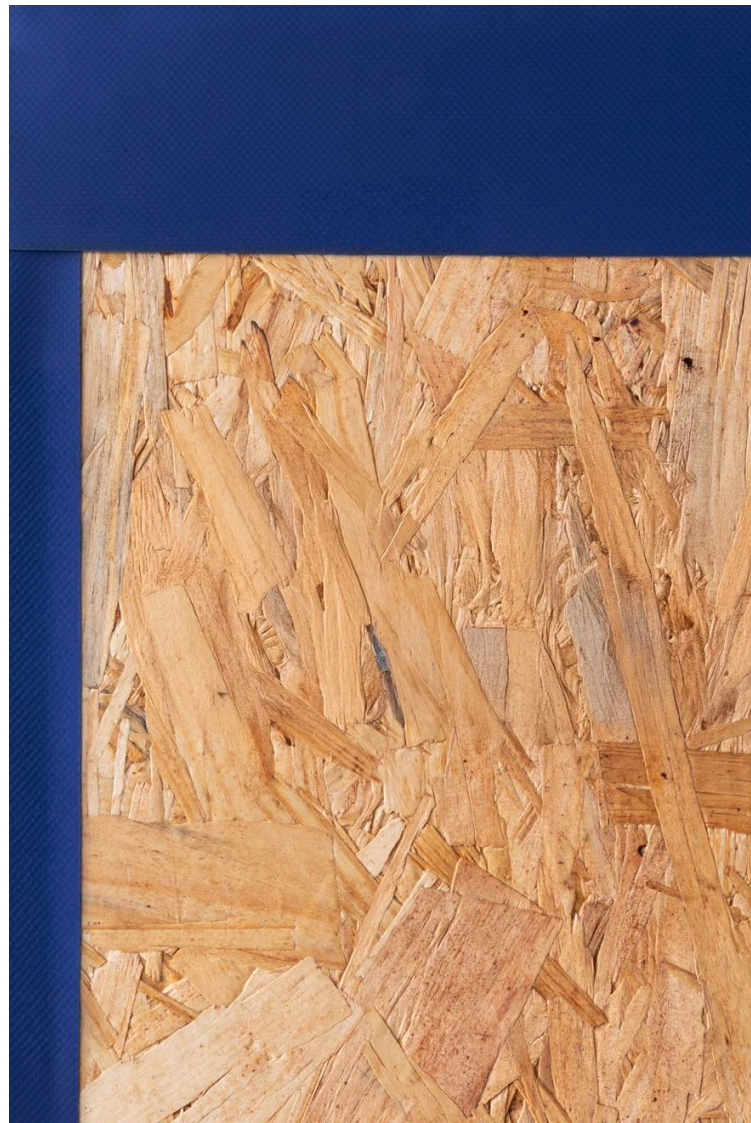
**Vinyl Pad Wrap**

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



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10,000 schools,  
sports facilities  
& global brands.**





## 1/2" Plywood

Properties	
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	7/16 in
Nominal Product Width (ft.)	4 ft
Plywood Product Type	OSB
Span Rating	16/0

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### California

300 East Eucalyptus Avenue  
Ontario, CA 91762

### [collinscompany.com](http://collinscompany.com)

**Call** (800) 222-4348  
**Fax** (909) 548-6908

### Georgia

1375 Weber Industrial Drive  
Cumming, GA 30041





## 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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## 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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## 18 Oz. Vinyl – Pad Wrap

**Colors:** All Standard Colors

	Value	Test Method / Notes
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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