

Poron® by Rogers

Soft Supporting Polyurethane

Poron® cellular urethanes are engineered, medium density, microcellular foam materials. They are used in orthopedic and prosthetic applications, including custom orthotics, prefabricated orthotics, prosthetic padding and other biomechanical supports. The Rogers Corporation is proud to offer the only polyurethane on the market that carries a *Medical Grade* certification.



Explaining Abraded Surface Options

During the process of producing Poron®, a non porous skin forms which is resistant to adhesives. A porous, or abraded surface is much more effective when bonding to another material. Acor® can provide you with unabraded (UAB), single abraded (1AB) or double abraded (2AB) surfaces on you Poron® sheets and rolls. A scrim covering adds strength and makes the bonding the urethane to other materials much easier.

Did You Know?

Acor® Orthopaedic is the North American Master Distributor of Rogers Medical Grade Poron® and Preferred Partner in the Poron® Comfort category.

PORON® Medical

Composition: Cellular urethane

Molding Temperature: Not moldable

Grindable: Yes

Sheet Sizes: 30"x 18" Half Sheet, 30"x 36" Full Sheet

Available Colors: Blue, Beige, Onyx

Other Features: Breathable, resilient, lightweight

Recommended Uses: Shock absorption, impact protection, cushioning, foot orthotic cushioning layers, prosthetic liners

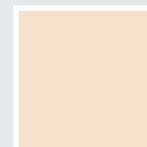
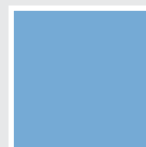
Sheets Available 1AB, 2AB and UAB

Available Thicknesses		Available Sheet Sizes		Case Qty.
in.	mm.	Half	Full	Sheets
Blue and Beige Poron® available as follows:				
1/16	1.5	30x18	30x36	48
1/8	3	30x18	30x36	24
1/4	6	30x18	30x36	12
Onyx Poron® only available in 1AB full sheets:				
1/16	1.5	n/a	30x36	48
1/8	3	n/a	30x36	24
1/4	6	n/a	30x36	12

Rolls

Thickness / AB	Blue, Beige	Onyx
1.5mm 1AB	60"x 165'	60"x 180'
3.0mm 1AB	60"x 80'	60"x 120'
6.0mm 1AB	60"x 80'	60"x 80'
Thickness / AB	Blue, Beige	Onyx
1.5mm 2AB	60"x 165'	60"x 80'
3.0mm 2AB	60"x 165', 60"x 80'	60"x 80'
6.0mm 2AB	60"x 80'	60"x 80'
Thickness / AB	Blue, Beige	Onyx
1.5mm UAB	Call Acor	60"x 300'
3.0mm UAB	60"x 165'	60"x 180'
6.0mm UAB	60"x 80'	60"x 120'

Colors



PORON® SRP™

Composition: Cellular urethane
Molding Temperature: Not moldable
Grindable: Yes
Sheet Sizes: 30"x 18" Half Sheet, 30"x 36" Full Sheet
Available Colors: Patina
Other Features: Breathable, resilient, lightweight

Recommended Uses: Shock absorption, impact protection, cushioning, foot orthotic cushioning layers, prosthetic liners

SRP™ - *Slow Recovery Polyurethane*

SRP™ is a unique custom contouring material which rebounds slowly when compressed, resulting in a custom contour during each use. The materials will continue to return to its original shape when not in use. Poron® SRP™ is part of Rogers Corporation's Medical Grade line of urethane products.

Sheets

Available Thicknesses		Available Sheet Sizes		Full Sheet Case Qty.	
in.	mm.	Half	Full	Sheets	
1/16	1.5	1AB	30x18 30x36	48	
1/8	3	UAB	30x18 30x36	24	
1/4	6	UAB	30x18 30x36	12	

Rolls

in.	mm.	Roll Size	
1/16	1.5	1AB	60"x165'
1/8	3	1AB	60"x80'
1/8	3	UAB	60"x165'
1/4	6	UAB	60"x165'

Color



PORON® XRD®



Composition: Cellular urethane
Molding Temperature: Not moldable
Grindable: Yes
Sheet Sizes: 30"x 36" Full Sheet
Available Colors: Yellow
Other Features: Breathable, resilient, lightweight

Recommended Uses: Shock absorption, impact protection, cushioning, foot orthotic cushioning layers, prosthetic liners

XRD® - *Extreme Impact Protection*

XRD® is a lightweight, thin and breathable material that's engineered for repeated impact and shock absorption, dispersing more than 90% of energy when impacted at high strain rates.

Infused with Microban® Antimicrobial Protection, XRD® helps prevent the growth of bacteria.

Sheets

Available Thicknesses		Available Sheet Sizes		Full Sheet Case Qty.	
in.	mm.	Full	Sheets		
5/64	2	UAB	30x36	48	
1/8	3	UAB	30x36	24	

Rolls

in.	mm.	Roll Size	
5/64	2	UAB	60"x130'
1/8	3	UAB	60"x80'

Color



PORON® Vive

Composition: Cellular urethane
Molding Temperature: Not moldable
Grindable: Yes
Sheet Sizes: 27"x 36" Full Sheet
Available Colors: Spring Green
Other Features: High rebound, energy return, breathable, resilient, lightweight

Recommended Uses: Shock redistribution, impact protection, cushioning, foot orthotic cushioning layers, prosthetic liners

VIVE- High Rebound Urethane

PORON® Vive is a supportive, shock absorbing, resilient urethane which reduces impact transfer from shock by actively responding to energy. Vive is lightweight and breathable, promoting cool and dry conditions while its load bearing properties evenly distribute weight to support key pressure points and maintain durability over repeated use.

Sheets

Available Thicknesses		Available Sheet Sizes		Full Sheet Case Qty.
in.	mm.		Full Sheets	
1/8	3	UAB	27x36	24

Color



Spring Green

PORON® embrace

Composition: Cellular urethane
Molding Temperature: Not moldable
Grindable: Yes
Sheet Sizes: 27"x 36" Full Sheet
Available Colors: Belize Blue
Other Features: Low rebound, breathable, resilient, lightweight

Recommended Uses: Shock absorption, impact protection, cushioning, foot orthotic cushioning layers, prosthetic liners

EMBRACE- Slow Rebound Urethane

PORON® Embrace offers ultra-durable custom contouring for comfort that lasts. This material responds in less than one second, conforming to shape and providing a soft custom fit. Embrace maintains the memory of its original shape to re-contour upon each impact, increasing support and reducing pressure.

Sheets

Available Thicknesses		Available Sheet Sizes		Full Sheet Case Qty.
in.	mm.		Full Sheets	
1/8	3	UAB	27x36	24

Color



Belize Blue