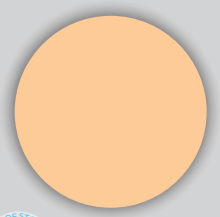
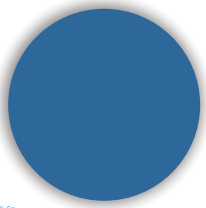
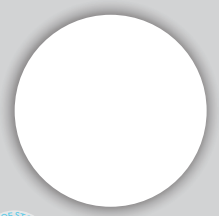
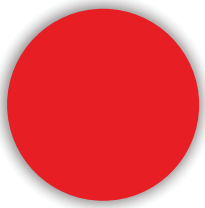
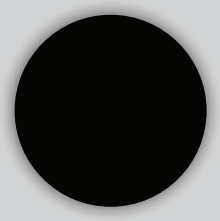
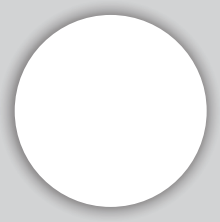
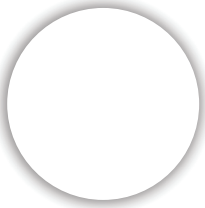
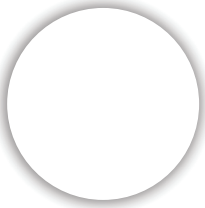

ACOR®
Interfacing with the world.

EVA

	P-Cell®	Microcel Puff®	Microcel Puff® Medium	Microcel Puff® Firm	FM® Extra Firm
					
Durometer	20 Shore A	35 Shore A	45 Shore A	55 Shore A	65 Shore A
Thickness	1/16” - 1”	1/16” - 1”	1/16” - 1.5”	1/16” - 1.5”	1/16” - 1/2”
Sheet Sizes	37”x30” 37”x60”	37”x30” 37”x60”	37”x30” 37”x60”	34”x33” 34”x67”	37”x30” 37”x60”
Available Colors	**Pink***, **Blue***, Silver, **Black***	Stocked in 17 colors, with custom colors available. (See back panel)	**White***, **Black***, **Navy***	White, Black, Navy, Brown, Red	Black, White

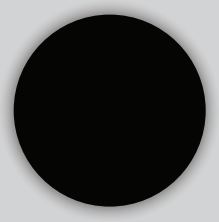
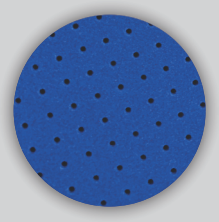
XLPE, MICROCEL PUFF® PE *(Cross-Linked Polyethylene, PE-Lite)*

VOLARA® 4E

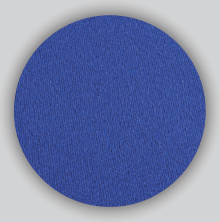
	B-4 Soft	A-8 Medium	A-20 Firm	A-30 Xfirm	Volara® 4E
					
Durometer	10-15 Shore A	25-30 Shore A	35-40 Shore A	70-75 Shore A	Sheets and Rolls
Thickness	1/8”, 3/16”, 5/16”, 3/8”, 1/2”	1/8”, 3/16”, 5/16”, 3/8”, 1/2”	1/8”, 3/16”, 5/16”, 3/8”, 1/2”, 3/4”	1/16”, 1/8”	1/8”, 3/16” , 1/4”, 1/2”
Sheet Sizes	47”x47”	47”x47”	40”x40”	29”x59”	30" Rolls *(Various)*
Available Colors	White	White	White, Beige	White	White

MODIFIED EVA

CORKS

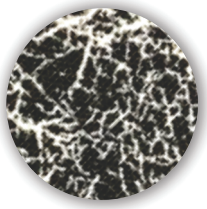
	DuraFORM®	Impression Puff®	Perforated Puff®	MultiCork™	ThermoCork™
					
Durometer	30 Shore A	25 Shore A	35 Shore A	55 Shore A	60 Shore A
Thickness	1/16” - 1”	1/8”	1/16” - 1/8”	1/16” - 1.5”	1/8”, 3/16”, 1/4”, 3/8”
Sheet Sizes	43”x34” 42”x69”	41”x32” 41”x64”	37”x30” 37”x60”	36”x30” 36”x61”	36”x44”
Available Colors	Blue, Black	Blue, XS Fabric Covered	Blue, Black	Natural, Black	Natural

COVERS



NeoSponge™

Description	
Thickness	1/16”, 1/8”
Sheet Sizes	40”x50” 50”x80”
Available Colors	Black Nylon or Blue Nylon on Black NeoSponge™



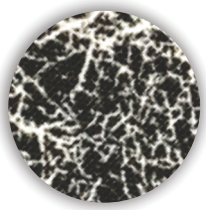
XS NeoSponge™

Description	
Thickness	1/16”, 1/8”
Sheet Sizes	40”x50” 50”x80”
Available Colors	XS Anti-Microbial Lightning Nylon on Black NeoSponge™



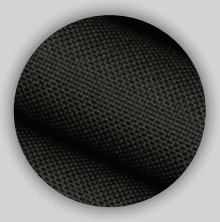
Bamboolite™ NeoSponge™

Description	
Thickness	1/16”, 1/8”
Sheet Sizes	40”x50” 50”x80”
Available Colors	Black Bamboolite™ Texture Fabric on Black NeoSponge™



XS Impression Puff®

Description	
Thickness	1/16”, 1/8”
Sheet Sizes	40”x26” 40”x52”
Available Colors	XS Anti-Microbial Lightning Nylon on Blue Impression Puff®



Woven Bottom Cover
Comapre to Cordura®

Description	Durable, versatile and tear resistant woven fabric.
Thickness	
Sheet Sizes	36”x60”
Available Colors	Black

VINYL COVERS



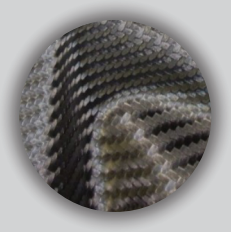
Vinyl Lux Smooth

Description	Smooth finish vinyl that simulates a luxurious glove leather.
Thickness	
Sheet Sizes	36”x27” 36”x54”
Available Colors	Black



Billy Goat Vinyl

Description	Popular top cover material with simulated grain texture.
Thickness	
Sheet Sizes	36”x27” 36”x54”
Available Colors	Blue, White, Black



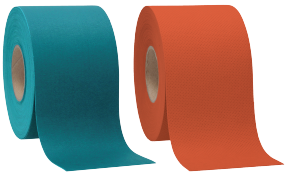
Carbon Vinyl

Description	
Thickness	0.8mm
Sheet Sizes	36”x52” 52”x150' roll
Available Colors	Black Woven Pattern

fabrifit™

BREATHABLE MICROFIBERS



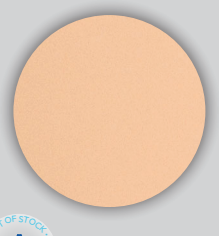


The best foot comfort, fit, finish and appearance for any orthopedic device.

- Moisture Control
- High Durability
- Odor Prevention
- Hypoallergenic
- Ultimate Comfort
- Select styles available in 50+ colors

For a complete list of stocked FabriFit® products and specifications, please refer to the fold-in panel.

PLASTAZOTE® by ZOTEFOAMS



LD45
Medium

Durometer	18 Shore A
Thickness	1/16” - 1”
Sheet Sizes	40”x40” 40”x80”
Available Colors	**Pink***, White, Blue, Green, Yellow, Black, Red



LD70
Firm

Durometer	32 Shore A
Thickness	1/16” - 1”
Sheet Sizes	34”x33” 34”x67”
Available Colors	Black, White



HD110
Rigid

Durometer	60 Shore A
Thickness	1/16” - 1”
Sheet Sizes	37”x25”
Available Colors	Black

URETHANES by ROGERS

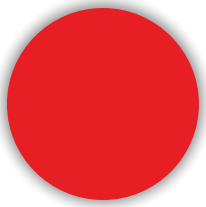
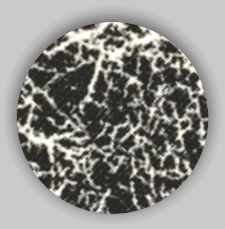
PORON® is also available in wheels and rolls



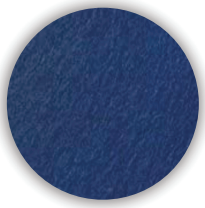
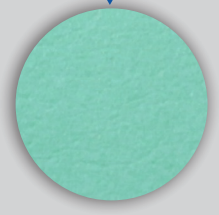
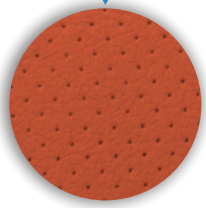
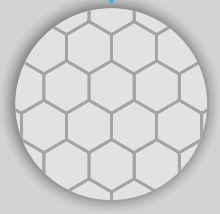
Poron®
Medical Grade

Abrasion	1AB, 2AB
Thickness	1.5mm, 3mm, 6mm
Sheet Sizes	18”x27” 27”x36”
Available Colors	Blue

ECHOCEL® Urethanes by ACOR

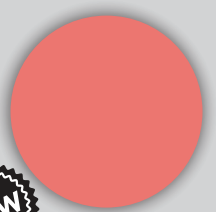
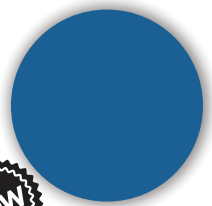
	Echocel® Professional	Echocel® High Rebound	Echocel® Impact	Echocel® Slow Rebound	XS Echocel® Antibacterial / microbial
Molding Temp and Time	Not heat moldable	Not heat moldable	Not heat moldable	Not heat moldable	Not heat moldable
Thickness	1/16”, 1/8”, 1/4”, 3/8”	1/16”, 1/8”	1/16”, 1/8”	1/16”, 1/8”	1/16”, 1/8”
Sheet Sizes	30”x18” 30”x36”	30”x18” 30”x36”	30”x18” 30”x36”	30”x18” 30”x36”	27”x18” 27”x36”
Available Colors	**Blue***, **Black***, Tan	Spring Green	Vivid Yellow	Deep Red	Lightning Pattern
Echocel® is also available in wheels, rolls, and 60” full sheets					

ECHOCEL® Urethanes by ACOR

	Echocel® + Scrim	Echocel® + Fabric	Echocel® + Fabrifit® Smooth	Echocel® + Fabrifit® Perforated	Echocel® + Fabrifit® Ceramic
Molding Temp and Time	Not heat moldable	Not heat moldable	Not heat moldable	Not heat moldable	Not heat moldable
Thickness	1/16”, 1/8”	1/16”, 1/8”	1/16”, 1/8”	1/16”, 1/8”	1/16”, 1/8”
Sheet Sizes	30”x18” 30”x36”	30”x18” 30”x36”	27.5”x36" 55”x36”	27.5”x36” 55”x36”	27.5”x36” 55”x36”
Available Colors	Blue/White	Blue Fabric	ASK ABOUT ENDLESS COLOR POSSIBILITIES!		
Echocel® is also available in wheels, rolls, and 60” full sheets					



ECHOCEL® Urethanes by ACOR

	ECHOCEL® pulse	ECHOCEL® endure
Molding Temp and Time	Not heat moldable	Not heat moldable
Thickness	1/16”, 1/8”	1/16”, 1/8”
Sheet Sizes	30”x18” 30”x36”	30”x18” 30”x36”
Available Colors	Salmon	Cobalt
Echocel® is also available in wheels and rolls	 NEW	 NEW

ECHOCEL® endure

Unmatched support for unyielding performance.

ECHOCEL® Endure delivers exeptional high-density strength and impact resistance, even under the most demanding conditions. This advanced cushioning urethane offers superior memory, returning to its original form after every compression. Engineered for repeated heavy use, Endure provides premium contouring and adaptability, with cushioning and shock absorbtion designed for the most rigorous users. Tested to meet independent cytotoxicity and primary skin irritation standards, Echocel® Endure is safe for use in medical footwear and device applications.

High Density Strength and Impact Resistance:

- A cushioning material able to withstand the most strenuous use
- High density formula designed for heavy impactors
- Impact resistance to provide exceptional shock deadening
- Shock dispersing property does not return negative energy to the user

Enduring Performance:

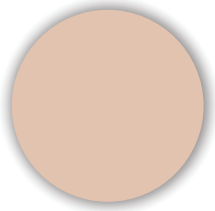
- Prolonged comfort and exceptional resistance to compression set, ensuring longevity even with frequent heavy use
- Utilizes open-cell, breathable technology



Characteristics:

- High density
- Impact resistant
- Breathable
- Low compression set
- High stretch
- Dimensionally stable
- Low resiliency
- Exceptional compression fatigue

fabrifit® BREATHABLE MICROFIBERS



Fabrifit®

Leather-like microfiber top cover. High abrasion and tear resistance.

27.5”x39”, 39”x55” 55”x164’ roll

Black, Linen, Blue

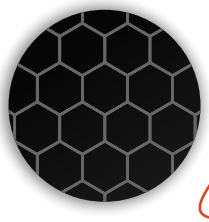


Perforated Fabrifit®

Perforated leather-like microfiber top cover. Superior moisture management.

27.5”x39”, 39”x55” 55”x164’ roll

Black Semi-Perf, Bone Semi-Perf



Fabrifit® Ceramic

Ceramic coated leather-like microfiber top cover. The ultimate in moisture control.

27.5”x39”, 39”x55” 55”x164’ roll

Black Hexagon Ceramic



EcoTex™ Engineered Leather

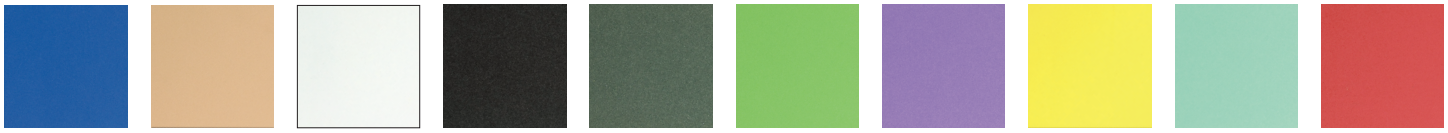
Engineered leather upper cover. High abrasion and tear resistance and eco-friendly.

30”x54” sheets
54”x30m rolls

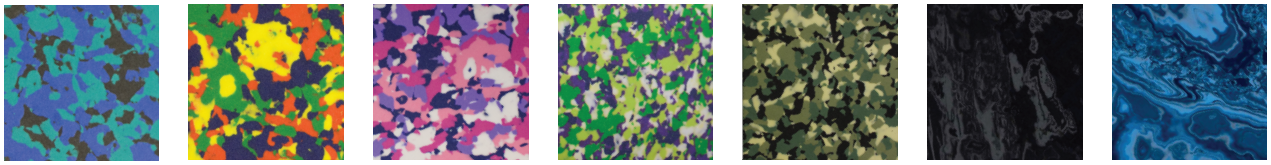
Black, Brown, White, Pink, Navy, Bone, Purple



Microcel Puff® 35 Available Colors



Blue* | Pink | **White*** | **Black*** | Forest Green | Green | Purple | Yellow | Aqua | Red



Blue/Black/Aqua | Yellow/Red/ Blue/Green | Purple/Pink/ White | Green/Purple/ White | Camo | Black Ice | Storm

ACOR® **Since 1972**

REV. 08/2024

Acor Orthopaedic is a manufacturer, converter, and distributor of a wide range of materials, including Ethylene Vinyl Acetate (EVA), Polyethylene (PE), and Polyurethane (PU) foam products, serving various markets worldwide.

Our expertise lies in laminating, die cutting, slitting, skiving, and applying PSA to these materials. We specialize in the conversion and distribution of EVA, PE, PU, Neoprene, and a selection of microfibers and textiles, including Microcel Puff, P-Cell, Echocel, Puff PE, NeoSponge, MultiCork, Plastazote, Rogers Poron, Volara 4E, Fabrifit, EcoTex, and more. Most of these materials are available in a wide variety of colors and conversions.

Acor relies on both domestic and international sourcing, offering product supply and the manufacturing capabilities necessary for your product development, fabrication, and finished product needs.

18530 S Miles Rd | Cleveland, OH | 800.237.2267

NEVER OUT OF STOCK · NEVER OUT OF STOCK ·

Look for the badge!

Participating products marked with our "Never Out of Stock" badge.

**Denotes available colors*

"NEVER OUT OF STOCK" PROGRAM

At **Acor**, we understand the importance of **reliability and efficiency** in your operations. That's why we are excited to announce our new **"Never Out of Stock"** program, designed to provide you with the peace of mind that **essential materials are always ready to convert and ship** at a moment's notice.

Why "Never Out of Stock" Matters

- **Shortest Lead Times:** Reliable and fast lead times for better planning and confidence in meeting deadlines.
- **Just-in-Time Inventory:** Stock on hand to reduce your inventory needs and costs.
- **Efficient Distribution:** Streamlined processes for quick order dispatch.
- **Cost Savings:** Consolidate larger orders to save on shipping, and enjoy volume pricing.

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