



# AX MATERIALS TECH PORTFOLIO

## VOL. 8

BUILD A BETTER GLOVE

# Leather Replacements



AX SUEDE NOVOBUCK 1.05mm

SD Black  
3500+ Abrasion Cycles



AX SUEDE NOVOBUCK 0.80mm

Tan #006  
2300 Abrasion Cycles



AX SUEDE NOVOBUCK 0.60mm

Grey  
1000 Abrasion Cycles



AX SUEDE NOVOSPLIT 1.05mm

Tan #006  
3000+ Abrasion Cycles

## AX Suede NovoBuck

Nubuck leather alternative with thicknesses for a variety of applications.

### Performance Attributes

- ✓ High abrasion and tear strength
- ✓ Exceptional breathability
- ✓ Superior drape and hand feel
- ✓ Manufactured in China

## AX Suede NovoSplit

A split suede leather alternative with enhanced performance and grip. Water-based manufacturing resulting in reduced DMFa content.

### Performance Attributes

- ✓ High abrasion and tear strength
- ✓ Exceptional breathability
- ✓ Superior drape and hand feel
- ✓ Manufactured in China

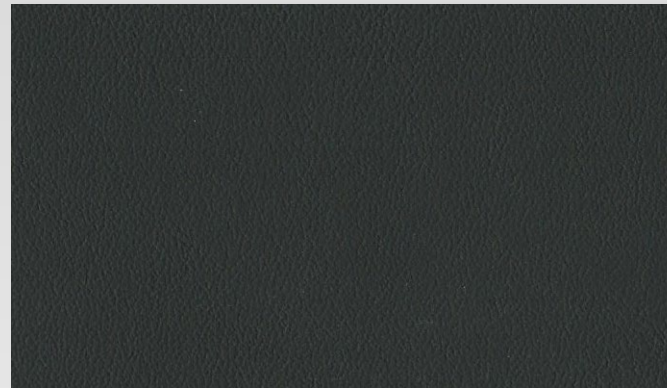
# Leather Replacements

## AX Tierra Connect AR-225DM

Touchscreen compatibility engineered for durable performance. Additional textures available.

### Performance Attributes

- ✓ High abrasion and tear resistance
- ✓ High quality PU treatment
- ✓ Nylon non-woven base
- ✓ Water resistant



AX TIERRA CONNECT 0.75mm  
AR-225DM

Black  
3500+ Abrasion Cycles



AX LAREDO 0.75mm

18-0201TCX, 0416 Texture  
+ WR Treatment, 1200 Cycles

## AX Laredo

Engineered leather that makes it possible to use thinner and lighter materials for better dexterity and durability.

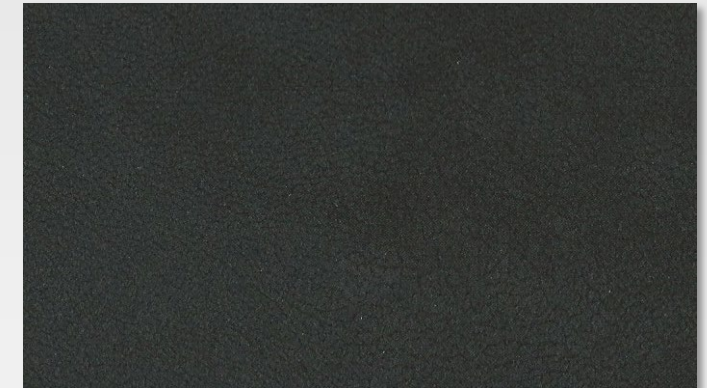
### Performance Attributes

- ✓ Lightweight breathability
- ✓ High dexterity and softness
- ✓ Won't dry out over time
- ✓ Low cutting cost and stable supply chain



AX LAREDO 0.75mm

Tan #006, 0416 Texture  
1200 Cycles



AX LAREDO 0.75mm

Yarn Dyed Black, 0420 Texture  
1200 Cycles





# Sustainable Durability

AX Materials introduces the world's first range of recycled polyester (RPET) high performance glove palm materials.



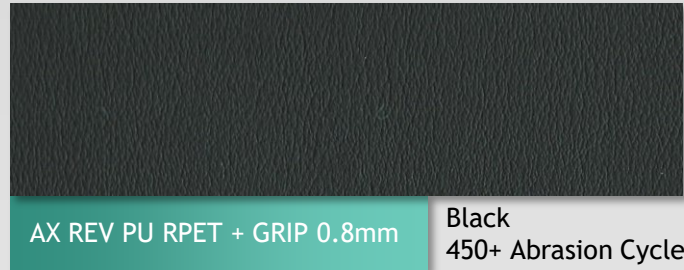
Removes an average of 12 plastic bottles from landfills per material yard



Same resilient performance benefits as other classic AX Materials



Water-based manufacturing to remove solvents from the supply chain

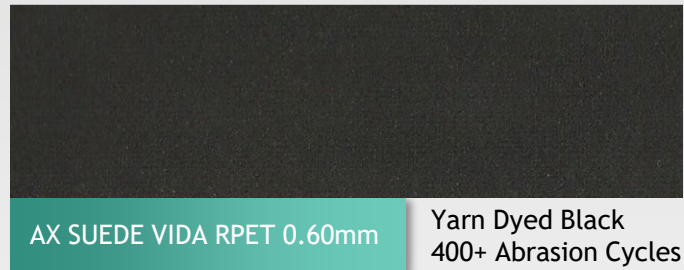


AX REV PU RPET + GRIP 0.8mm

Black  
450+ Abrasion Cycles

## AX Rev PU RPET + Grip

40% RPET content with excellent grip and water resistance. Additional textures and Connect function for touchscreen compatibility available. Manufactured in Vietnam.

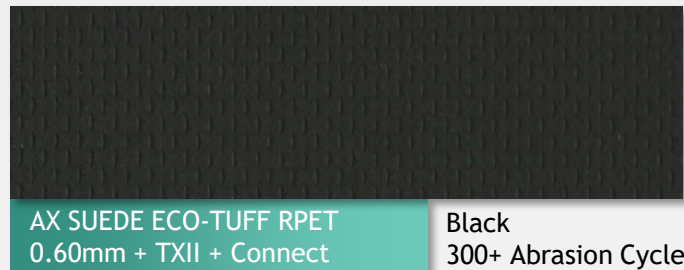


AX SUEDE VIDA RPET 0.60mm

Yarn Dyed Black  
400+ Abrasion Cycles

## AX Suede Vida RPET

Bluesign certified with 36% RPET content. Quick drying and breathable with optional CO WR treatment (PFC free).



AX SUEDE ECO-TUFF RPET 0.60mm + TXII + Connect

Black  
300+ Abrasion Cycles

## AX Suede Eco-Tuff RPET

High dexterity and thin, moldable construction with 60% RPET content. Touchscreen compatibility. Available in multiple emboss options.



# Sustainable Durability



AX SUEDE BRAVO RPET  
0.80mm



AX SUEDE CINCO RPET  
0.60mm



AX SUEDE CINCO RPET + DOT  
SILICON PRINT 1.00mm

## AX Suede Bravo RPET

Moisture managing core palm with 45% recycled fiber, made in Vietnam.

### Performance Attributes

- ✓ Quick drying
- ✓ Improved breathability
- ✓ Available with InstaChill treatment
- ✓ Great drape

## AX Suede Cinco RPET

Versatile material with 60% recycled content.

### Performance Attributes

- ✓ Four-way stretch
- ✓ High dexterity
- ✓ Breathable and moldable
- ✓ Available with dot silicon print

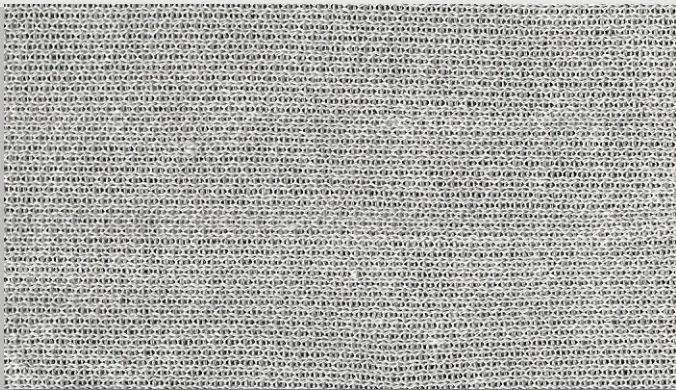
# Introducing AX DexCor

DexCor is an A5 (EN388 Level E) cut resistant material. Yarn filaments are heat-spun onto a steel core fiber, combined with a high denier jacquard knit. This results in a unique material with great dexterity, comfortable fit and high tear strength (EN388 Level 4).



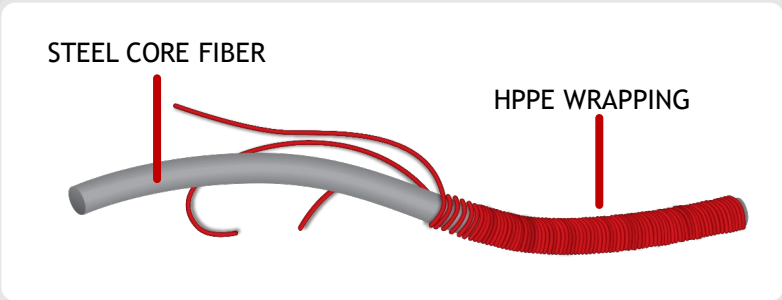
AX SUEDE DEXCOR A5 1.35mm




Yarn Dyed Black  
1200 Abrasion Cycles



DEXCOR A5 0.85mm

White  
300 Abrasion Cycles

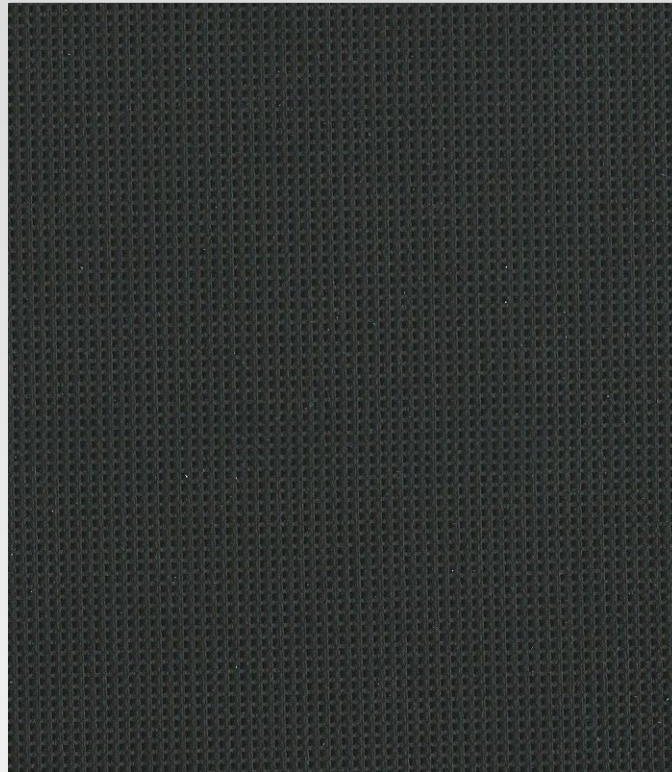


- 
Sustainably sourced high-performance polyethylene (HPPE)
- 
Single layer HPPE wrapping for less bulky construction
- 
Glass-free fiber construction that is safer for the skin
- 
Next-to-skin softness to remove need for additional lining
- 
Air spun steel and polyethylene for extraordinary lightness
- 
Moisture wicking properties with improved ventilation



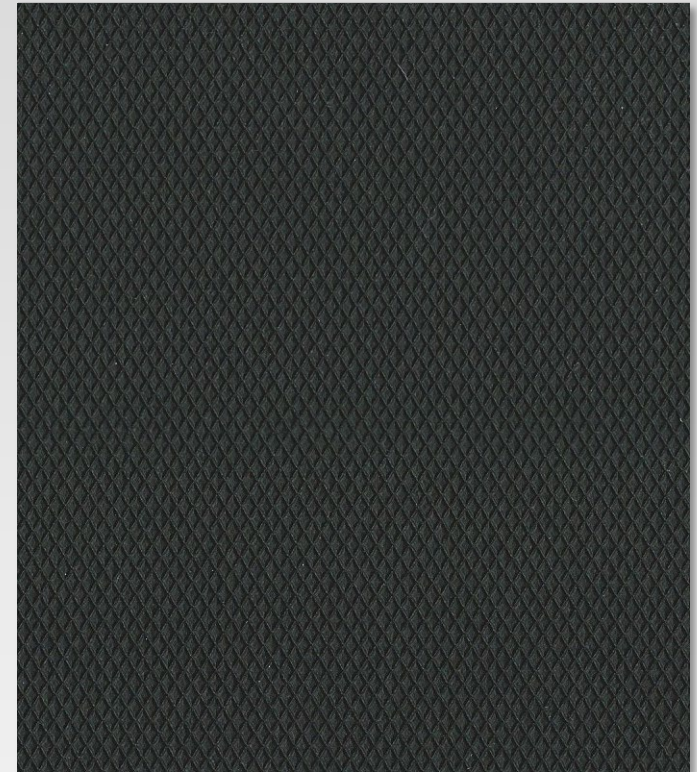
# G-Series TW

AX G-Series TW features enhanced grip and excellent abrasion resistance. It is the ideal choice for gloves requiring a high grip function for tough industrial work.



AX G-SERIES TW GRID 0.80mm

Black  
800+ Abrasion Cycles



AX G-SERIES TW-DIAMOND 0.90mm

Yarn Dyed Black  
1200 Abrasion Cycles

# Engineered Vietnam Suedes

## AX Suede Cinco-VN

Highly breathable and dexterous knit polyester suede. It offers superior sweat management and a secure, dry grip.

### Performance Attributes

- ✓ Thin four-way stretch
- ✓ Breathable and moldable
- ✓ Solvent free



AX SUEDE CINCO-VN 0.65mm

Yarn Dyed Black  
400-600 Abrasion Cycles

## AX Suede Rivolta W CO WR

A low-cost, quick-drying, durable glove palm material using sustainable water-based manufacturing methods. Now featuring a PFC-free water resistance treatment.

### Performance Attributes

- ✓ Quick drying
- ✓ Moisture management
- ✓ PFC-free water resistant treatment
- ✓ Breathable



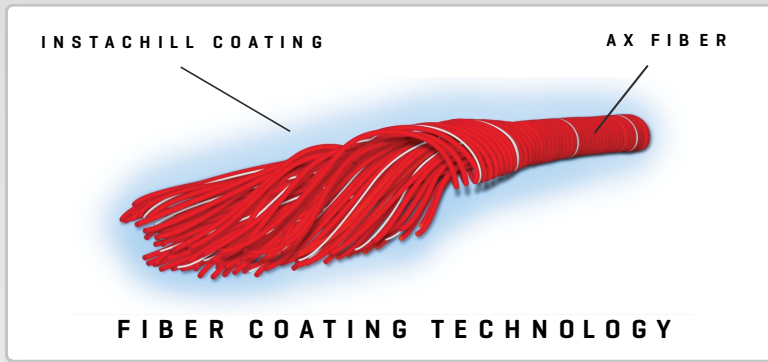
AX SUEDE RIVOLTA W CO WR 0.75mm

Black  
600+ Abrasion Cycles



# AX Bolt with Instachill Cooling

## I N S T A C H I L L C O O L I N G



Instachill uses a multi-functional compound called Xylitol. Naturally derived from the Birch Wood Tree, Xylitol inhibits the attachment of bacteria, aids in moisture wicking and when activated, converts moisture into a cooling effect. You're probably most familiar with this effect in mint chewing gum.

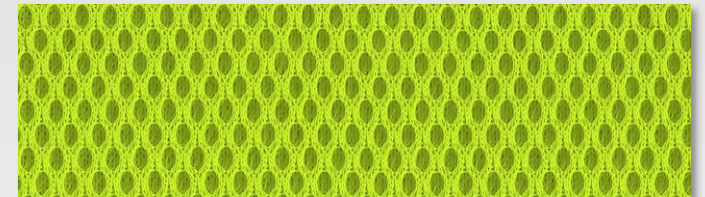
When applied to AX Bolt, the moisture wicking fibers pull perspiration away from the body and Instachill converts that moisture, releasing a surge of cold. The result is an increase in coolness and better overall comfort. This treatment can be applied to any AX Bolt Textile.

AX Instachill materials are manufactured in Vietnam.



AX BOLT 2600PSM 2.30mm +  
INSTACHILL

Black; See Summary  
Matrix for Abrasion



AX BOLT 3000PSM 2.30mm +  
INSTACHILL

Neon Yellow; See Summary  
Matrix for Abrasion



AX BOLT K290 0.55mm +  
INSTACHILL

Black; See Summary Matrix  
for Abrasion

# Summary Matrix

✓ Standard    Ⓞ Available upon request

Material	Application	Thickness (+/- 0.1mm)	Abrasion (# Cycles / ASTM D 3884)	DMF Free	Antibacterial	RPET	PFC Free WR
AX Suede NovoBuck	Leather replacement	1.05mm	3500+		Ⓞ		
AX Suede NovoBuck	Leather replacement	0.80mm	2300		Ⓞ		
AX Suede NovoBuck	Leather replacement	0.60mm	1000		Ⓞ		
AX Suede NovoSplit	Leather replacement	1.05mm	3000	✓	Ⓞ		
AX Tierra Connect AR-225DM	Touchscreen	0.75mm	3000		Ⓞ		
AX Laredo	Leather replacement	0.75mm	1200		Ⓞ		Ⓞ
AX Suede Rev PU RPET + Grip DE-73	Improved grip	0.80mm	450+		✓	✓	
AX Suede Vida RPET	High dexterity	0.60mm	400+	✓	Ⓞ	✓	Ⓞ
AX Suede Eco-Tuff RPET + TXII + Connect	High dexterity	0.60mm	300+	✓	Ⓞ	✓	
AX Suede Bravo RPET	Core palm	0.80mm	600	✓	Ⓞ	✓	Ⓞ
AX Suede Cinco RPET	High dexterity	0.60mm	400+	✓	Ⓞ	✓	Ⓞ
AX Suede Cinco RPET + Dot Silicon Print	Improved grip	1.00mm	2000+	✓	Ⓞ	✓	
AX Suede DexCor A5	Cut liner	1.35mm	1200	✓			
DexCor A5	Cut liner	0.85mm	300	✓			
AX G-Series TW Grid	Improved grip	0.80mm	800+		Ⓞ		
AX G-Series TW Diamond	Improved grip	0.90mm	800+		Ⓞ		
AX Suede Cinco-VN	High dexterity	0.65mm	400-600	✓	Ⓞ	Ⓞ	Ⓞ
AX Suede Rivolta W CO WR	Core palm	0.75mm	600+		✓		✓
AX Bolt 2600PSM + Instachill	Back of hand / gussets	2.30mm	Martindale 10k-30k cycles dry and wet on both sides	✓	Ⓞ		Ⓞ Without Instachill
AX Bolt 3000PSM + Instachill	Back of hand / gussets	2.30mm	Martindale 10k-30k cycles Dry and wet on both sides	✓	Ⓞ		Ⓞ Without Instachill
AX Bolt K290 + Instachill	Back of hand / gussets	0.55mm	Martindale 10k cycles for dry and 5k for wet	✓	Ⓞ		Ⓞ Without Instachill

# Hangtags

12 hangtags free of charge for each yard of material ordered in production.

Additional hangtags may be purchased, at cost, for \$0.03USD per hangtag.

AXMaterials.com



Actual size of all hangtags: 2.5" x 2.5"







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Please contact your AX representative for additional information or sampling needs.



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