

COATS

armoren ultracut



CUT PROTECT YARNS

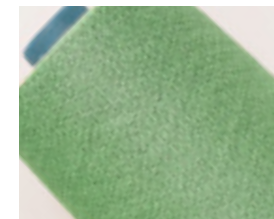
Coats® Armoren™ Ultracut

THE POWER OF EXTREME CUT PROTECTION.

The hand safety industry is demanding increasingly higher levels of cut resistance. The disruptive J Spun technology invented by Coats gives Armoren Ultracut product the power of extreme cut protection. The proprietary helical core and cover construction extends the frontiers of new safety trends, and Ultracut levels of cut resistance in the A5 to A9 range are attained to meet high severity hazards.

WHY CHOOSE ARMOREN ULTRACUT?

- Extreme cut resistance
- Ultracut levels A5 to A9 (EN E/F and beyond)
- Steel and new generation metal cores used across a gradient of microns
- Proprietary reinforced core constructions to meet extreme laceration hazards
- Extraordinary durability. Withstands industrial laundry cycles with no shrinkage.
- Robust heat dispersion. Arc flash design options available.
- Arc flash and Multi-risk
- Optional functionalities like electric arc flash resistance available
- Yarn and fabric solutions to meet F2675M-13 HRC 2 and 3 levels
- Can be designed to meet multi-risk hazards



MAIN USES

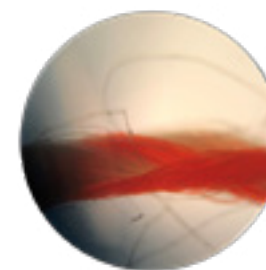
- Gloves and sleeves for following applications:
- Metal fabrication irregular sharp edges
 - Structural components assembly
 - Tool dies. Press shop operations.
 - Sheet metal stamping
 - Glass fabrication
 - Autoclave. Rubber calendaring.
 - Automotive glass assembly
 - Hot glass and metal castings
 - Meat cutting. Food processing.



HD
Medium and Heavy Duty

PROPRIETARY J SPUN TECHNOLOGY

PIONEERING NEW
INTEGRATED
SPINNING
TECHNIQUE



YARN ENCAPSULATION
IN HELICAL CORE AND
COVER CONSTRUCTION

HIGHEST LEVELS OF
ABRASION AND CUT
RESISTANCE



PERFORMANCE
YARNS

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PRODUCT RANGE

Product	Glove Type	Gauge	Cut Resistance ANSI	Net Denier	Finished Count NE	Strength KG
20/2 YJG J Spun	Medium Duty	13-15 gg	A5			
16/2 YJSA J Spun	Medium Duty	13-15 gg	A6			
Bespoke	Medium Duty	13-15 gg	A7			
12/2 YSJB J Spun	Medium Duty	13-15 gg	A8			
16/1 Gold J Spun	Ultralight weight	18 gg	A9			

Product specifications available on request

NOTE:

1. Ultracut reinforced core constructions with normal wrap blend of spun aramid, HPPE, expandable stretch component, and other fibres.
2. Para-aramid and blend fibre options available if thermal resistance or arc flash is required.
3. Use Armoren Gold for higher cut resistance with finer count yarn.
4. Use Armoren Protect Plus for anti-microbial and Armoren Orbit for vortex spun applications.

WHAT SETS J SPUN TECHNOLOGY IN ARMOREN ULTRACUT APART?

Product	Glove Type
Proprietary J Spun reinforced core construction	Extreme cut resistance A5 to A9
Corespun yarn encapsulation into cocoon - like structure	Reinforcement of the core against extreme hazards
Optional use of new generation core materials	Higher cut resistance can be achieved with finer counts
Elastic stretch core yarns covered by blend	Stretch capability at severe pressure points
Single or double helical J Spun cover options	Extraordinary durability and abrasion resistance

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CUT PROTECT YARNS

Comfort Category	Fabric Weight	Cut Level ANSI - (EN388) Gauge	A1 - (A)	A2 - (B)	A3 - (C)	A4 - (D)	A5 - (E)	A6 - (F)	A7 - (F)	A8 - (F)	A9 - (F)
			Ultra-light weight	150-300 gsm	18gg	Ultralight					Ultracut
Medium Duty	300-700 gsm	15gg	X14	X13							
		13gg	APS								
Heavy Duty	> 700 gsm	10gg									
		7gg									

APS
X14
X13
Ultralight
Ultracut
Ultracut Gold

Extensions: FLX
Orbit
Protect+

*features can be combined



HD
Medium and Heavy Duty



PERFORMANCE
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EXPERT REAL WORLD SUPPORT

The final cost of any product also includes hidden costs, fuelled by the methods and tools applied to it. Our experts know exactly how to reduce those costs, save time and increase productivity.



One to One Visits

There's no need to come to us, our experts will travel to your site. In person, online or via the phone, our trained consultants deal with the kind of issues any busy factory may face, providing a solution for today and a blueprint for future efficiency.



Training and Presentations

From product selection to solutions for common production issues, we take the learning gathered through years of hands on experience and present it in the form of high impact seminars, workshops and presentations.



Innovation Hub

Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.

ENGINEERED YARN EXPERTISE THROUGH MERGERS & ACQUISITIONS

Our unique combination of innovative technology and technical expertise has grown through acquisitions, bringing together the combined expertise and heritage of the renowned Coats, Patrick Yarns and Pharr HP brands. We understand the challenges faced, which is why we continue to push boundaries, seek new possibilities and extend our global footprint in search of new solutions in high performance spun.

SUSTAINABILITY

Coats is a member company of FTSE4GOOD Index, a group of global companies recognized for its integrated Sustainability strategy that centers around five pillars of water conservation, energy footprint, effluent and emission control, social responsibility, and living sustainably by launching eco-friendly products.



For more information, talk to your Coats representative today or visit www.coats.com

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