

COATS  
*armoren flx*



STRETCH CUT  
PROTECT YARNS

# Coats® Armoren™ FLX

Coats Armoren FLX is an innovative range of yarns for cut protection gloves and sleeves, specifically engineered to be soft, flexible and comfortable. It offers the perfect combination of ergonomic design and excellent protection against thermal hazards. Suitable for a range of applications, these engineered yarns give its wearer freedom of movement while delivering ultimate cut protection.

## WHY CHOOSE COATS ARMOREN FLX?

- Exceptional cut and thermal resistance
- More comfortable than any other comparable knitted glove
- Soft and cool wearing properties
- Custom blends up to five fibres
- Large selection of fibre types
- Core spun capable with filament or spun core
- Yarn dyed and dope dyed colours available
- Scientific approach to blend engineering which avoids extensive trial and error sampling (with Coats Synthesizer)
- Customised coating systems including soil release and anti-microbial available

## MAIN USES:

Gloves and sleeves suited for following industries:

- Metal fabrication
- Automotive heavy machinery assembly
- Glass processing
- Press and injection moulding

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## PRODUCT SPECIFICATION

Customer	Product Description	Construction	Count	Ply	Twist (per Inch)	Single End Break (lbs)	Tenacity (gram/ denier)	Elongation (%)	Work to Break (lbs*cm)
Showa	21/2 Para-aramid/ Spandex	RS	21.00 (3 % +/-)	2	9.00 (3 % +/-)	7.10 (> 6.5)	7.30	3.70 (3.4 - 4.0)	2.70



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Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure themselves that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products. Information provided is based on current averages and should be taken only as indicative. Coats accepts no liability for the preciseness and correctness of the information provided. Product information sheets are updated for time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us.  
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PERFORMANCE  
YARNS

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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**



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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

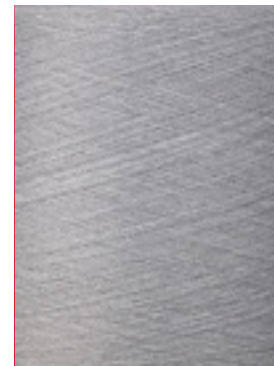
Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.

To drive your hidden costs down, talk to Coats. From product audits in pre-production to the latest technical bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit [www.coats.com/en/Industries/Personal-Protection](http://www.coats.com/en/Industries/Personal-Protection)

## 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.



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