

COATS

armoren ultralight



CUT PROTECT YARNS

Coats® Armoren™ Ultralight

ULTIMATE DEXTERITY AND LASER-FINE PROTECTION.

Comfort and dexterity combined with cut performance is today's trend in cut protection. Coats Armoren Ultralight uses a pioneering new J Spun engineered yarn technology to provide an inherent balance between comfort and protection. Expandable soft stretch fibres completely cover the core to provide dexterity and cool comfort against the skin, while the best in class reinforced core offers a game-changing solution by achieving high cut resistance even at very fine knitting counts.

WHY CHOOSE ARMOREN ULTRALIGHT?

- Cool Comfort
- Soft wrap completely covers the core filament
- Extra-soft fibres used. Silky velvet cool touch.
- Gentle feel of ultimate protection
- Dexterity
- Laser-fine knits on 18 gg machines
- Enabled by unique fine count core spinning technology
- Nimble glove fingers and agile freedom of movement
- Excellent fingertip sensitivity
- Feel the Stretch
- Use of expandable stretch component
- Great elastic recovery. Ultra-flex grip.
- Feels like a second skin and a natural hand



MAIN USES

Gloves and sleeves for following applications:

- Assembly / inspection of light metal goods
- Sharp small parts and panels
- Wood working and fastening
- Press injection moulding
- Sanitation, recycling, and maintenance
- Electronics

WHAT ENABLES ULTRALIGHT COMFORT AND DEXTERITY?

70% OF HAND INJURIES OCCUR BECAUSE SAFETY GLOVES ARE NOT WORN. THEY ARE UNCOMFORTABLE AND LACK NIMBLENESS

SOLUTION
COMFORT AND
DEXTERITY
OF ARMOREN
ULTRALIGHT



J SPUN PROPRIETARY
TECHNOLOGY FOR ULTRA-
THIN CORE YARNS



LD

Ultralight Weight 18gg



PERFORMANCE
YARNS

Coats Armoren Ultralight

ULTIMATE DEXTERITY AND LASER-FINE PROTECTION.

PRODUCT RANGE

| Product | Glove Type | Gauge | Cut Resistance ANSI | Net Denier | Finished Count NE | Strength KG |
|------------------|-------------------|-------|---------------------|------------|-------------------|-------------|
| 22/1 ULG J Spun | Ultralight weight | 18 gg | A2 | | | |
| 18/1 ULSA J Spun | Ultralight weight | 18 gg | A3 | | | |
| 18/1 ULSB J Spun | Ultralight weight | 18 gg | A4 | | | |
| 16/1 ULSC J Spun | Ultralight weight | 18 gg | A5 | | | |

Product specifications available on request

NOTE:

1. Ultralight normal wrap blend of HPPE, expandable stretch component, and other soft fibres.
2. Para-aramid and blend fibre options available if thermal resistance is required.
3. For 18 gg cut resistance > A5, use Armoren Gold.

WHAT SETS J SPUN TECHNOLOGY IN ARMOREN ULTRALIGHT APART?

| Product | Glove Type |
|--|--|
| Ability to spin very fine soft core counts | Laser-fine knitting on 18 gg. Soft like filament HPPE |
| Elastic stretch core yarns covered by blend fibre sheath | Multi-dimensional stretch and dexterity |
| Best in class core coverage technology | Soft wrap completely covers core filament for comfort against the skin |
| Proprietary J Spun reinforced core construction | Excellent cut resistance. Soft like HPPE but cut range is A2 to A5 |
| Optional use of new generation core materials | Ability to spin very fine counts >Ne 30 and yet retain high cut resistance >A4 |
| Process innovation in J Spun | Inherent balance between comfort and protection |



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 | | Ultracut Gold | |
| | | 15gg | X14 | X13 | | | | | | | | |
| Medium Duty | 300-700 gsm | 13gg | APS | | | | | | | | | |
| | | 10gg | | | | | | | | | | |
| Heavy Duty | > 700 gsm | 7gg | | | | | | | | | | |

| |
|---------------|
| APS |
| X14 |
| X13 |
| Ultralight |
| Ultracut |
| Ultracut Gold |

Extensions: FLX
Orbit
Protect+

*features can be combined



LD
Ultralight Weight 18gg



PERFORMANCE YARNS

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ULTIMATE DEXTERITY AND LASER-FINE PROTECTION.

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.



FTSE4Good



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



CUT PROTECT YARNS

