

COATS
armoren
orbit



CUT PROTECT YARNS

Coats® Armoren Orbit™

Coats Armoren Orbit is a range of innovative engineered yarns that are produced with maximum efficiency in mind. The innovative construction of Armoren Orbit allows for improved value without compromising quality that you trust from Coats.

Armoren Orbit yarns show improved pilling resistance, reduced hairiness as well as high moisture transportation properties while meeting the cut resistance standards you trust from Coats.

WHY CHOOSE ARMOREN ORBIT?

- Exceptional cut and thermal resistance
- Good pilling resistance
- Reduced hairiness
- Excellent moisture transportation properties
- 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 antimicrobial available

MAIN USES:

Gloves and sleeves suited for following industries:

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



PERFORMANCE
YARNS



Coats Armoren Orbit

PRODUCT EXAMPLES

Product	Glove Type	Gauge	Weight Denier	Finished Count Ne	Strength kg
18/1 P-Aramid/ Glass	Medium Duty	13	301	18	1.77
16/1 P-Aramid/ Glass	Medium Duty	13	332	16	1.97

The above mentioned yarn concepts are for indication only.
For customised options, please get in touch with your local Coats office.

SUSTAINABILITY

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



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**

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.
© Copyright reserved 2021



**PERFORMANCE
YARNS**

Coats Armoren Orbit

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/armoren-orbit



CUT PROTECT YARNS



FTSE4Good



PERFORMANCE
YARNS