

COATS
nylbond



BONDED
CONTINUOUS
FILAMENT NYLON 6.6

Coats® Nylbond (Denim Applications)

Coats Nylbond is a bonded nylon thread made from pre-stabilised continuous filament nylon 6.6. It cuts cleanly at thread trimming with no ply separation and provides superior abrasion resistance in the sewn product. The proprietary bonding technology yields a tough uniform bond with exceptional peel strength in a soft, supple construction.

Coats Nylbond is recommended for high elasticity garments which have heavy bleach, stone, scraping washing processes.

WHY CHOOSE NYLBOND?

- Minimises thread breakages in high elasticity garments which utilise heavy bleach, stone and scrape washing processes.
- Suitable for lasering applications, with a better performance than polyester sewing threads.
- World class quality and abrasion resistance
- Standard 100 by OEKO TEX® Class I
- Testing has shown it can help reduce seam crackings in back pocket stitches of high strength denim fabrics from 40 % to 5 %

MAIN USES:

- Denim
- Jeanswear
- It is ideal for specially locked stitch operations on denim garments such as back pocket attachments, front rise and hemming operations. Please note it can only be used for the bottom thread in these stitches or either the top thread and bottom thread



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PRODUCT RANGE

TEX	Ticket	Tex	Average Strength cN	Elongation % Min - Max
RN54	20	135	9420	17 - 32
RN60	30	105	6664	15 - 32
RN63	40	70	4710	16 - 31
RN60	60	45	3240	16 - 31

CHEMICAL PROPERTIES

Mineral acids:	Resistant to most mineral acids
Alkalis	Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures
Organic solvents	Generally unaffected, but soluble in some phenolic compounds
Bleaching	Unaffected
Insects / microorganisms (mildew, rot)	Unaffected
Laundering / dry cleaning	Unaffected
Moisture regain	0.4%

FASTNESS PROPERTIES

Wash Fastness 60°C	ISO 105-C10C	Grade 4
Water Fastness	ISO 105-E01	Grade 4
Hypochlorite Fastness	ISO 105-NO1	Grade 4
Dry Cleaning Fastness	ISO 105-DO1	Grade 4
Perspiration Fastness	ISO 105-E04	Grade 4
Artificial Light Fastness	ISO 105-BO2	Grade 5



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EXPERT REAL WORLD SUPPORT

The final cost of any thread 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.



Seamworks

Install our Seamworks software to accurately calculate costs prior to production, putting an end to the risk of over or under ordering materials, and incurring unnecessary extra costs. The Seamworks tool is provided with installation, training and ongoing support included.



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 yarn selection to stitch formation, the use of colour 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.



Embroidery Service Centre

Our Embroidery Service Centre makes embroidering a design much easier, increasing productivity at the same time as enhancing the design itself. Email the design and any problematic issues to us and our technicians will email the improved design right back.



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.



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To drive your hidden costs down, talk to Coats. From thread 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/nylbond-denim-applications



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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. © Copyright reserved 2021