

**COATS**  
*nylbond*



BONDED  
CONTINUOUS  
FILAMENT NYLON 6.6

# Coats® Nylbond™

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.

## WHY CHOOSE NYLBOND?

- Coats Nylbond is a high tenacity nylon 6.6 for outstanding strength and durability
- World class quality and superior abrasion resistance
- Unique bond chemistry and proprietary coating technology produces a strong and supple thread with no ply untwisting, no flaking and no 'sewn in' colour change
- Specially formulated lubricant for high temperature resistance and smooth operation through the needle eye without breaks, skips or staining
- Controlled stretch characteristics for good loop formation and tight, firm and balances stitches
- Certified to Öko-Tex Standard 100

## MAIN USES:

- Sports footwear
- Leather footwear
- Leather goods
- Furniture Upholstery
- Automotive
- Luggage and travel goods
- Outdoor goods and sports equipment
- Protective footwear
- Filtration
- Computer contour stitching



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## PRODUCT RANGE

TEX	Ticket	Length	Strength cN	Elongation % Min - Max	Needle Size Metric
35	80	1000m	2160	15 - 26	90 - 110
45	60	1000m	3210	16 - 29	90 - 110
70	40	2500m	4700	16 - 29	100 - 120
105	30	2500m	6100	16 - 29	120 - 140
135	20	1000m	9500	17 - 29	130 - 160
180	15	1000m	13020	17 - 29	130 - 160
210	13	1000m	13330	17 - 31	140 - 180
270	10	1000m	18170	17 - 31	160 - 200
400	8	1000m	23090	17 - 32	180 - 230



## THERMAL PROPERTIES

Melting point 250°C

Special in-line dyed Coats Nylbond available

Shrinkage less than 1% @ 150°C

## CHEMICAL PROPERTIES

Mineral acids: Decomposed by strong mineral acids but resistant to weak acids

Alkalis: Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures

Organic solvents: Generally unaffected

Bleaching: Unaffected, deterioration dependant on

Insects / microorganisms: Unaffected

Moisture regain: Approximately 4.5%

## FASTNESS PROPERTIES

Water Fastness (ISO 105 E01:2010) Grade 4

Rub Fastness (ISO 105 X12:2001) Grade 4 - 5

Artificial Light Fastness (SAE J1885 40 kJ/m2) Grade 4



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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 thread 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.

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

For more information, talk to your Coats representative today or visit [coats.com](http://coats.com)

## OTHER PRODUCTS IN THE NYLBOND RANGE

To complement the Nylbond range, we also have a selection of specialist Nylbond threads. Each of these have additional benefits specific to the end use.

Product Name	Description
<b>Nylbond Protect</b>	Treated to give the finished thread anti-microbial / anti-fungal properties.

Specialist Nylbond products are typically available across a select range of ticket sizes and technical information will in some cases vary from the above table.



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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 2018

