

**COATS**  
*nylbond*



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FILAMENT NYLON 6.6

# Coats® Nylbond™

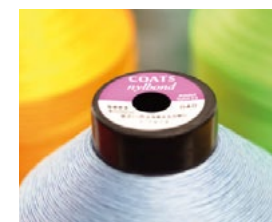
Coats Nylbond is a bonded nylon thread made from pre-stabilised continuous filament nylon 6.6. It cuts cleanly at thread trimming with no ply separation and provides superior abrasion resistance in the sewn product.

## 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
- Standard 100 by Oeko-Tex® Class I

## 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



# Coats Nylbond



## PRODUCT RANGE

Art / Tkt	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size
S666080	80	35	4,000 M	2,160	18 - 32	90 - 110
S657080	80	35	2,000 M	2,160	18 - 32	90 - 110
S669060	60	45	4,500 M	3,370	18 - 32	90 - 110
S658060	60	45	2,250 M	3,370	18 - 32	90 - 110
S663040	40	70	3,000 M	4,730	16 - 34	100 - 120
S654040	40	70	1,500 M	4,730	16 - 34	100 - 120
S658030	30	105	2,250 M	6,380	18 - 32	120 - 140
S654030	30	105	1,500 M	6,380	18 - 32	120 - 140
S663020	20	135	3,000 M	9,220	18 - 33	130 - 160
S654020	20	135	1,500 M	9,220	18 - 33	130 - 160
S657015	15	180	2,000 M	13,020	17 - 29	130 - 160
S657013	13	210	2,000 M	14,540	18 - 37	140 - 180
S622013	13	210	900 M	14,540	18 - 37	140 - 180
S654010	10	270	1,500 M	18,570	18 - 38	160 - 200
S618010	10	270	750 M	18,570	18 - 38	160 - 200
S616008	8	400	600 M	24,240	17 - 33	180 - 230

## 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
Insects / microorganisms (mildew, rot)	Unaffected
Moisture regain	Approximately 4.5%

## FASTNESS PROPERTIES

Wash Fastness 60°C	ISO 105-C10C	Grade 4
Water Fastness	ISO 105-E01	Grade 4
Artificial Light Fastness	ISO 105-BO2	Grade 3/4

These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels.



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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



# Coats Nylbond



## 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.



### 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.



### 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 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 [coats.com/nylbond](http://coats.com/nylbond)

## 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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