

COATS  
neophil



NYLON  
POLYESTER  
PARA-ARAMID

# Coats® Neophil™

Coats® Neophil™ presents a range of threads catering to every sewing application in the automotive sector. The Coats® Neophil™ range of threads is proven for its performance in the manufacture of critical parts like seats, seat belts and air bag systems. The range also includes threads ranging from the ones used for decorative stitching of gear stick covers to the ones used for stitching roof tops for convertibles. These threads are designed and manufactured to withstand challenging conditions like abrasion, scuffing, sunlight, flexing, heat etc. over the life of the vehicle which could be as long as 14 years.

## WHY CHOOSE NEOPHIL™?

- Coats® Neophil™ has a complete range of nylon, polyester and para-aramid threads; bonded, lubricated, twisted, monocord and air-jet textured
- Specialised colour matching and customised colour fastness capabilities
- Carefully tailored constructions and finishes to maximise sewing efficiencies and minimise costs
- Full range of ready wound bobbins to enhance productivity
- Round the clock technical service, world-wide
- Meets Coats restricted substance list

## MAIN USES

- Air-bags
- Automotive carpets
- Automotive mats
- Car headliner
- Convertible top
- Gear stick covers
- Seat belts
- Seat covers
- Side door panels
- Seat trims
- Spare wheel covers
- Steering wheel covers

## PRODUCT RANGE

Brand	Substrate	TEX	Ticket	Ply	Strength cN	Elongation % Min - Max	Needle Size Metric
Neophil™	Bonded Nylon	45	60	23	3240	16 - 26	110 - 120
		70	40	3 or 4	4700	16 - 26	110 - 120
		90	30 / 32	33	6370	16 - 30	120 - 140
		135	20 / 22	6 - 10	9410	16 - 30	130 - 160
		210	13	6 - 10	14015	20 - 30	140 - 180
Neophil™	Bonded Nylon	90	30	1	6370	15 - 30	125 - 140
Monobond	Monocord	135	20	1	9410	15 - 30	180 - 230
		150	18	1	11170	15 - 30	180 - 230



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## THERMAL AND CHEMICAL PROPERTIES

The resistance to any particular chemical will depend on the individual circumstances and Coats® Neophil™ fibre type. Technical advice should be sought from your nearest Coats® unit for further information on Coats® Neophil™.



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 from 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 2024

## 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 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.



### InnovationHub

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/neophil](http://www.coats.com/neophil)



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