

# Coats® Dolanit™

Coats Dolanit is a staple spun sewing thread made from homopolymeric polyacrylonitrile. Coats Dolanit provides good acid and alkali resistance as well as excellent hydrolysis resistance of up to 125°C. Thanks to its special lubrication, Coats Dolanit delivers excellent sewing performance.

Coats Dolanit is best qualified for use in wet and dry filtration, i.e. for sewing filter bags and filter tubes which can be used for the separation of solid / gas mixtures and for the removal of dust from hot exhaust gases. Coats Dolanit is mainly used in cases where polyester is not suitable due to high moisture conditions.

**COATS**  
*dolanit*



**HOMOPOLYMER  
ACRYLIC (PAN)  
FIBRE**

## WHY CHOOSE COATS DOLANIT?

- Specially lubricated to deliver excellent sewing performance
- Good acid and alkali resistance
- Excellent hydrolysis resistance of up to 125°C

## MAIN USES:

- Wet and dry filtration
- Hot gas filtration
- Filter bags
- Filter tubes
- Power stations
- Shaker baghouse technology



# Coats Dolanit

## PRODUCT RANGE

Tex	Ticket	Dtex/ply	Strength cN	Elongation % Min - Max
105	30	350 x 3	3000	12 - 17

## THERMAL PROPERTIES

The higher molecular weight and the para-crystalline structure ensure a considerably higher temperature capability compared to conventional acrylic fibres. Continuous temperatures of up to 125°C with peaks of 140°C may be applied.

Coats Dolanit fibres do not melt. The carbonization process starts at temperatures beyond 160°C.

## CHEMICAL PROPERTIES

The chemical resistance of Coats Dolanit is superior to other low cost fibres capable of operating at a similar temperature, such as polyester (PES). Good stability in alkaline as well as acidic conditions makes Coats Dolanit the preferred choice in applications where temperatures up to 125°C are applied. Coats Dolanit is resistant against hydrolysis at such temperatures.

## 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 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.



### 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 [www.coats.com/dolanit](http://www.coats.com/dolanit)



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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 2020

