

# Coats® Aquamelt™

Coats Aquamelt is a 100% water soluble thread that dissolves when immersed or sprayed with warm water and is used as an alternative to conventional sewing threads for temporary stitching application in denim, knitted & woven garments and footwear. It is a staple spun poly vinyl alcohol (PVA) thread that has been specifically developed to replace conventional basting or tacking threads in apparel manufacturing.

In addition, it can also be used in the footwear and accessories industry.

COATS  
*aquamelt*



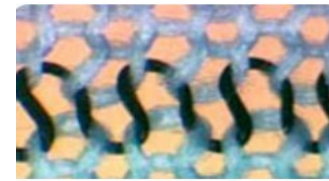
POLY VINYL  
ALCOHOL

## WHY CHOOSE AQUAMELT?

- Coats Aquamelt does not leave any residue after wet treatment, hence no deposition of residue or stains
- No need to remove temporary stitches sewn with normal thread thereby avoiding fabric damage and saving an extra time-consuming and costly operation
- Coats Aquamelt gives a clean seam finish without loose or untrimmed threads
- STANDARD 100 by OEKO-TEX® CLASS I

## MAIN USES:

- Basting waistband
- Neckline and armhole gathering stitch
- Hand and machine applique
- Pleat formation
- Line matching stitch
- Bias cut patterns
- Difficult fabric matching
- Ladies and men's shirts
- Skirts, dresses and trousers
- Ladies tops
- Striped and checkered fabrics
- Multiple application including Strobel temporary gathering stitch in Footwear & Accessories



# Coats Aquamelt

## PRODUCT RANGE

Art / Tkt	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
4810120	120	27	5000m	540	12 - 23	75 - 90
481D040	40	60	2500	1900	10 - 18	90 - 110
481E030	30	90	1500	2750	10 - 18	100 - 120

Needle size recommendation are a guide only and ultimately depend on the sewing application

## AREAS OF APPLICATION

Use Coats Aquamelt as a temporary stitching thread to hold and secure fabric formation prior to final stitching for:

- Waistband pleats
- Difficult to handle small parts
- Joining slippery fabrics or fabrics with different stretch properties
- Once final stitching is finished, the temporary Aquamelt stitches will dissolve and disappear at wet treatment

Aquamelt is particularly useful for stretch fabrics and is a solution to the potential issue of stitch cracking sound when trying on the garment, caused by thread breakage of non-removed temporary stitching thread.

## PROPERTIES OF POLY VINYL ALCOHOL

Fully degradable and will dissolve in water at room temperature. Circa 25°C

Shrinkage less than 1% @ 150°C

Dry melting point at 200°C for sewing conditions

The soluble rate of PVA thread depends on the temperature applied in the washing conditions. The recommended temperature is 40°C and above



POLY VINYL ALCOHOL

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 2022



# Coats Aquamelt

## 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.



### 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/aquamelt](http://www.coats.com/aquamelt)



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