

COATS  
*brio metallic*



NYLON CORE WRAPPED  
WITH METALLISED  
POLYESTER

# Coats® Brio Metallic™

Coats Brio Metallic is a highly engineered composite thread which is a nylon core wrapped with metallised polyester. Due to its unique braid construction and attractive seam appearance Brio Metallic can be used for a wide variety of applications, including sewing decorative seams in severe sewing operations on jeans and leather goods.

## WHY CHOOSE BRIO METALLIC?

- The braided construction gives maximum strength during sewing and durability in the sewn product
- Coats Brio Metallic has brilliant shades for special effects
- Specially lubricated to deliver excellent sewing performance

## MAIN USES:

- Denim
- Jeans
- Leather goods

## PRODUCT RANGE

Art / Tkt	TEX	Ticket	Length	Strength cN	Elongation % Average	Needle Size Metric
BM5M008	350	0.8	500m	4740	5 - 15	180 – 200

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Coats Brio Metallic is available in three colours - gold, silver and copper.



# Coats Brio Metallic

## CHEMICAL PROPERTIES

Mineral acids:	Resistant to most mineral acids
Alkalis:	Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at high temperatures
Organic solvents:	Generally unaffected, but soluble in some phenolic compounds
Bleaching:	Unaffected
Insects / microorganisms (mildew, rot):	Unaffected
Moisture regain:	Approximately 0.4%

## FASTNESS PROPERTIES

Washing at 60°C	(ISO 105 C10:2006 C(3))	Grade 4
Water Fastness	(ISO 105 E01:2010)	Grade 4
Rub Fastness	(ISO 105 X12:2001)	Grade 4
Dry Cleaning Fastness	(ISO 105 D01:2010)	Grade 4

## OTHER PRODUCTS IN THE BRIO RANGE

To complement the Brio range, we also have a selection of specialist Brio threads. Each of these combines the superior properties of the Brio product with additional benefits specific to the end use.

Product Name	Description
<b>Brio</b>	Lubricated polyester braid made from pre-stabilised, high tenacity, continuous filament polyester for machine sewing.

Special use Brio 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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## 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 technical 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)

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



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