

COATS
nymo
ecobobs y2



BONDED SINGLE PLY
MULTI-FILAMENT
NYLON

Coats Nymo Ecobobs Y2

Coats is proud to launch the Nymo Ecobobs Y2, a recyclable, ready-wound bobbin (RWB) for larger "Y2 hook size" computerised sewing machines.

It is specifically designed to help footwear and accessories manufacturers maximise their investment in factory automation: by increasing productivity; by reducing waste; and by enhancing quality of the sewn product.

WHY CHOOSE NYMO ECOBOBS Y2?

- 20-60% more thread per bobbin than OWB
 - fewer bobbin changes
 - longer, uninterrupted runs
- Consistent thread length
 - changes can be planned, as threads run out at the same time
 - reduced thread run-out, so fewer reworks or seam join repairs
 - uninterrupted seams
- Pre wound
 - faster bobbin changes - time cut by up to 50%
 - no time winding own bobbins or cleaning of thread from bobbins
- Precision wound
 - consistent thread tension due to automated winding
 - consistent loop formation results in superior (balanced) seams
 - even pull off tension delivers fewer skipped stitches
 - fewer jams, trapped ends, crossovers and breaks
 - no back-spinning
 - reduced wear and tear on machinery
- 100% recyclable (Closed Loop)
 - Coats can rewind an ecobob up to 20 times, then recycle the core into other plastic products
 - helps manufacturer meet corporate responsibility targets
- Meets Coats restricted substance list

MAIN USES:

- Footwear
- Luggage / back packs
- Accessories
- Other leather and industrial sewn products



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PRODUCT RANGE

TEX	Ticket	Ply	Strength cN	Elongation % Min - Max
50	61	1	3168	16 - 30
70	41	1	4725	19 - 30
105	31	1	6192	19 - 30

Coats Nymo's specific fine-denier bonding technology creates a wide range of precision-wound bobbins for all types of lockstitch and twine needle applications

NYMO ECOBOBS Y2 - SPECIFICATION

The ecobob is a one piece bobbin with core and flanges.

Ticket size	Bobbin type / style	Outer diameter (mm)	Height / thickness (mm)	Bobbin length (m ±1)
M31	L	19.9 - 20.9	8.6 - 9.3	16.0 ± 1
	G	20.9 - 21.9	9.7 - 10.3	21.0 ± 1
	Y2	23.2 - 24.2	13.2 - 13.8	31.0 ± 1
M41	L	19.9 - 20.9	8.6 - 9.3	23.5 ± 1
	G	20.9 - 21.9	9.7 - 10.3	29.0 ± 1
	Y2	23.2 - 24.2	13.2 - 13.8	44.0 ± 1
M61	L	19.9 - 20.9	8.6 - 9.3	31.0 ± 1
	G	20.9 - 21.9	9.7 - 10.3	44.5 ± 1
	Y2	23.2 - 24.2	13.2 - 13.8	72.0 ± 1

NYMO ECOBOBS Y2 - SPECIFICATION

The ecobob is a one piece bobbin with core and flanges.

Metric / Ticket size	Construction	Strength average KG / min
M31	840D/1	6.2
M41	630D/1	4.5
M61	420D/1	3.1

THERMAL PROPERTIES

Melting point 250°C (485°F)

Shrinkage less than 5% @ 180°C

CHEMICAL PROPERTIES

Mineral acids:	Good resistance to weak acids
Alkalis:	Good resistance to alkalis
Bleaching:	Nylon is not bleach resistant
Insects / microorganisms (mildew, rot):	Unaffected by mildew, rot and perspiration
Moisture regain:	4.5%
Specific gravity:	1.14



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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 technological bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit coats.com

OTHER PRODUCTS IN THE NYMO RANGE

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

Product Name	Description
Nymo	Lightly bonded sewing thread with a single-ply design that offers a smart solution to fraying and untwisting during high-speed, multi-directional sewing.

Special use Nymo 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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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