Coats® Opti M EcoRegen™

Opti M EcoRegen zips are with 100% lyocell zip tape made from sustainably sourced wood pulp. It is an eco-friendly regenerated fibre which can be recycled and is fully biodegradable and compostable due to its cellulosic origin.

COATS
opti m EcoRegen

100% LYOCELL

BENEFITS

- Eco-friendly regenerated fibre, made from sustainably sourced wood pulp

- Fully biodegradable and compostable due to its cellulosic origin

- Extremely smooth slider running and less shrinkage compared to cotton

- Lyocell in comparison to cotton, does not require irrigation, pesticides or labour intensive processes during its cultivation

- EcoRegen has the highest dry & wet strength amongst all the cellulosic fibres

- Reduced carbon footprint - the cellulose fibre is carbon neutral and is made from 100% controlled wood

- Closed-loop manufacturing process (99.7% solvent recovery)

- Cycle Assessments available

- FSC and Canopy compliant

MAIN USES

- Post dyed garments

- Ladieswear

- Menswear

- Knitwear

- Wovens

- Children's apparel

- Workwear

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M4Y: QUALITY

Attributes	M4Y CC	M4Y CE
Lateral strength	> 360 N	> 360 N
Lateral strength after reciprocation	> 250 N	> 250 N
Operating force	< 3 N	< 3 N
Reciprocation (durability)	> 500 cycles	> 500 cycles
Pull off strength of puller	–	> 196 N
Slider locking strength	–	> 60 N
Slider over top stops	–	> 98 N
Lateral strength of bottom stop	–	> 75 N
Lateral strength of open end	–	–
Slider against bottom stop	–	> 78 N

(The quality data represent minimum performance levels)

M4Y: DIMENSIONS (APPROX)

	M4Y CC	M4Y CE
Chain width	4.5 mm	4.5 mm
Chain thickness	2 mm	2 mm
Single tape widths	13 mm	13 mm
Length of tape ends		top: 20±2 mm
		bottom: 17±2 mm

M4Y: FEATURES

	M4Y CC	M4Y CE
100% lyocell tape	X	X
Slider body out of die casted zinc, puller out of zinc or stamped brass/steel		X
Chain members from brass	X	X
Plating/Oxidation finishes: brass, antique brass, silver, antique silver, (pls. see plating card)	X	X
Top stops from brass and bottom stops from zinc to match chain finish		X

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FASTNESS

		Change	Staining
Washing 60° C	(ISO 105-C06)	4	4
Water	(ISO 105-E01)	4	4
Dry-cleaning	(ISO 105-D01)	4	3...4
Light	(ISO 105-B02)	5	–
Rubbing wet	(ISO 105-X12)	–	4
Rubbing dry	(ISO 105-X12)	–	3...4

(These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels)

STANDARDS

EN 16732	CPSIA HR4040;
BS 3084:2006;	F963;
DIN 3416 – 19;	EN71;
Oeko-Tex 100 Class 1	QM System according BS EN ISO 9001:2008

Before proceeding to bulk production, Coats Opti recommends that you run tests and production trials on all zip uses/applications in order to verify that the product meets the end user requirements as well as the demands of internal processing conditions.

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 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.
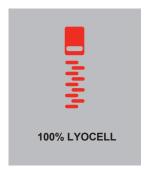
Innovation hub

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 product 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 **www.coats.com/opti-m-ecoregen**

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