

# Coats® Opti S Eco-B

Opti S Eco-B is recycled polyester zips incorporating an additive from CiCLO® to reduce synthetic fibre accumulation in landfills and oceans. The technology creates biodegradable 'spots' in the polymer matrix, where naturally-occurring microbes in certain environments can break down the plastics just as they do with natural fibres.

COATS  
opti s Eco-B



SPIRAL ZIPS  
WITH CICLO ADDITIVE

## WHY CHOOSE OPTI S ECO-B?

### Sustainable

- Utilises proprietary technology to reduce plastic waste in landfills and plastic pollution in our oceans
- ECO PASSPORT certified by OEKO- TEX
- Non-toxic to marine life

### Functional

- Easy to implement in the existing manufacturing
- Maintains integrity of fibres, no loss of durability or performance

### Sensible

- The CiCLO® fibres behave more like natural fibres when they end up in the environment
- The biodegradation process takes a long time and

access to moisture and an abundance of microbes. It will not happen during use or care

- Fibres and yarns are traceable- CiCLO® technology has an authentication program that requires all fibre producers to validate the presence of CiCLO® in every batch they manufacture
- STANDARD 100 by OEKO-TEX® CLASS I
- Less energy intensive to produce in comparison to virgin materials, which results in lower carbon emissions during production
- Delivers a similar level of performance as the virgin range, whilst offering sustainability benefits
- Global Recycled Standard (GRS) certified

## MAIN USES

- Fashion apparel
- Jackets and dress slacks
- Uniforms and workwear
- Jeanswear
- Various leather articles



Powered by **CiCLO**  
FUNCTIONAL. SENSIBLE. SUSTAINABLE.

# Coats Opti S Eco-B

## FASTNESS PROPERTIES

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

## STANDARDS

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

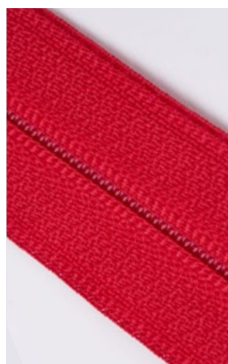
### Real World Support & disclaimer Recommendations

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.



SPIRAL ZIPS  
WITH CICLO ADDITIVE

## TAPE OPTIONS



Opti S Regular  
Reversed





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## S60: FEATURES

	S60 CC	S60 CE	S60 OE	S60 2WCE	S60 2WCE X-form	S60 2WCE
Woven polyester tape; available also in water repellent and flame retardant finish.	X	X	With marking points, interchangeable, 0 distance; Picta printing	X	X	X
Slider body and puller out of die casted zinc.	–	X	X	X	X	X
Top stops and bottom stops-metal pin or plastic	–		X	X	X	X
Open end components out of zinc	–		X	X	–	

## S60: QUALITY

Attributes	S60 CC	S60 CE	S60 OE	S60 2WCE	S60 2WCE X-form	S60 2WCE
Lateral strength	> 783 N	> 783 N	> 783 N	> 783 N	> 783 N	> 783 N
Lateral strength after reciprocation	> 705 N	> 705 N	> 705 N	> 705 N	> 705 N	> 705 N
Operating force	< 4 N	< 4 N	< 4 N	< 4 N	< 4 N	< 4 N
Reciprocation (durability)	> 3000 cycles	> 3000 cycles	> 3000 cycles	> 3000 cycles	> 3000 cycles	> 3000 cycles
Pull off strength of puller	–	> 245 N	> 245 N	> 245 N	> 245 N	> 245 N
Slider locking strength	–	> 49 N	> 49 N	> 49 N	> 49 N	> 49 N
Slider over top stops	–	> 117 N	> 117 N	> 117 N	> 117 N	> 117 N
Lateral strength of bottom stop	–	> 120 N	–	–	–	> 120 N
Lateral strength of open end	–	–	> 117 N	–	–	–
Slider over bottom stop	–	> 117 N	–	> 90 N	–	–
Box pull off strength	–	–	98 N	> 98 N	–	

(The quality data represent minimum performance levels)



# Coats Opti S Eco-B

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

For more information, talk to your Coats representative today or visit [www.coats.com/opti-s-ecob](http://www.coats.com/opti-s-ecob)

## CARE INSTRUCTIONS



Domestic washing at 40°



Dry cleaning standard



Never iron the zipper directly on the teeth - maximum ironing temperature one point (130 -150°)



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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 2022

