

Coats® Opti S EcoVerde™

Opti S Ecoverde zips help to close the loop for garments and accessories that already use recycled or other eco-friendly material.

The spiral zips are produced using the unique 'S'- technology and both tape and spiral are made entirely from post-consumer recycled PET.

Without compromising on quality, the globally available Opti S Ecoverde range offers the same proven level of performance as virgin origin polyester zips.



COATS
opti s ecoverde



100% RECYCLED
SPIRAL ZIP

WHY CHOOSE OPTI S ECOVERDE?

- Versatile fit for purpose, premium zips
- Made from 100% post-consumer recycled PET
- No compromise on quality or performance
- OEKO-TEX certified
- Woven polyester tape 100% recycled post consumer polyester waste (class III)
- Spiral teeth 100% recycled post consumer polyester waste (class III)
- Slider body & Puller recycled zamac from manufacturing waste (class I)

PRODUCT RANGE

Product	Chain Width	Chain Thickness	Single Tape Widths	Length of Tape Ends
S40 (#3) – Continuous Chain [CC]	4mm	1.5mm	12/16mm	–
S40 (#3) – Closed End [CE]	4mm	1.5mm	12mm	Top: 20±4 mm Bottom: 16±4mm
S60 (#5) – Continuous Chain [CC]	6mm	1.9mm	16mm	–
S60 (#5) – Closed End [CE]	6mm	1.9mm	16mm	Top: 21±4 mm Bottom: 21±2mm
S60 (#5) – Open End [OE]	6mm	1.9mm	16mm	Top: 21±2mm



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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)	–	3...4
Rubbing dry	(ISO 105-X12)	–	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



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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 2019

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S40: FEATURES

	S40 CC	S40 CE
Woven polyester tape 100% recycled post consumer polyester waste (class III)	X	X
Spiral teeth 100% recycled post consumer polyester waste (class III)	X	X
Slider body & Puller material – recycled zamac from manufacturing waste (class I).		X
Top stops and bottom stops are ultrasonically welded		X

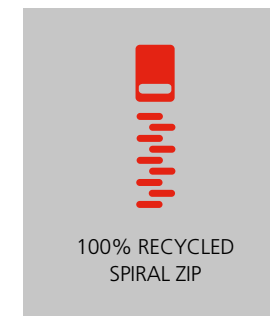
S40: QUALITY

Attributes	S40 CC	S40 CE
Lateral strength	> 392 N	> 200 N
Lateral strength after reciprocation	> 353 N	–
Operating force	< 4 N	< 4 N
Reciprocation (durability)	> 500 cycles	> 500 cycles
Slider locking strength	–	> 15 N
Slider over top stops	–	> 78 N
Slider against bottom stop	–	> 60 N

(The quality data represent minimum performance levels)

S40: MAIN USES

S40 CC / S40 CE
Baby wear
Trousers
Skirts
Dresses
Pockets of jackets, coats
Knitwear
Light leather goods
Bed linen
Pillows
Home textiles
Upholstered furniture



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S60: FEATURES

	S60 CC	S60 CE	S60 OE
Woven polyester tape 100% recycled post consumer polyester waste (class III)	X	X	X
Spiral teeth 100% recycled post consumer polyester waste (class III)	X	X	X
Slider body & Puller material – recycled zamac from manufacturing waste (class I)		X	X
Open end components out of zinc			X
Top stops and bottom stops are metal or plastic		X	

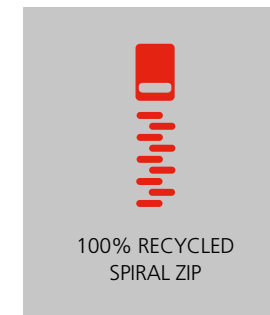
S60: QUALITY

Attributes	S60 CC	S60 CE	S60 OE
Lateral strength	> 783 N	> 783 N	> 783 N
Lateral strength after reciprocation	> 705 N	> 705 N	> 705 N
Operating force	< 4 N	< 4 N	< 4 N
Reciprocation (durability)	> 500 cycles	> 500 cycles	> 500 cycles
Pull off strength of puller	–	> 245 N	> 245 N
Slider locking strength	–	> 49 N	> 49 N
Slider over top stops	–	> 117 N	> 117 N
Lateral strength of bottom stop	–	> 120 N	–
Lateral strength of open end	–	–	> 117 N
Slider against bottom stop	–	> 117 N	–
Box pull off strength	–	–	> 98 N

(The quality data represent minimum performance levels)

S60: MAIN USES

S60 CC / S60 CE / S60 OE
Sportswear
Knitwear
Work wear and overalls
Leather goods
Footwear
Hand bags
Luggage
Mattresses
Home textiles
Upholstery



Coats® Opti S EcoVerde™

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 [coats.com/en/Products/Zips/Opti/Opti-S-EcoVerde](https://www.coats.com/en/Products/Zips/Opti/Opti-S-EcoVerde)

OTHER PRODUCTS IN THE ECOVERDE RANGE

To complement the EcoVerde range, we also have a selection of special threads & zips. Each of these have additional benefits specific to the end use.

Product Name	Description
Epic EcoVerde	100% recycled premium polyester corespun sewing thread to create durable, attractive seams across a wide range of recycled materials.
Gramax EcoVerde	100% recycled polyester continuous filament textured thread for use in the loopers of overlocking, serging & cover seaming to provide softness & comfort
Sylko Matt EcoVerde	100% recycled polyester corespun thread for machine embroidery
Opti S EcoVerde	Recycled polyester zips for garments made from recycled polyester fabrics
Permess EcoVerde	Sustainable interlinings made from 100% recycled polyester from post-consumer PET bottles



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