

COATS

opti s gym



SPORTS SLIDER WITH
CLIP-DOWN PULLER

Coats® Opti S Gym™

Developed especially for the sportswear and footwear markets, the S60 GYM zip has a clip down slider. This secures the zip's puller and prevents it from getting in the way when exercising or playing sports.

WHY CHOOSE OPTI S GYM?

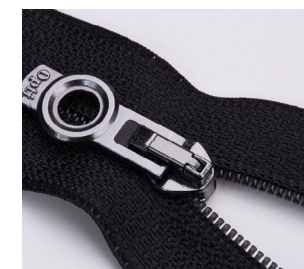
- Puller clips down and is preventing it from dangling, bouncing and tangling.
- Even when puller is not clipped the slider will not slip down due to its auto-lock function
- S-technology reduces the risk of zip bursting due to its intrinsic higher lateral strength
- S-technology brings unique abrasion resistance due to the fact there are no sewing threads used to attach the teeth to the zip tape.

MAIN USES:

- Sports bras
- Knitwear
- Sports sweatshirts
- Footwear
- Jogging suits

PRODUCT RANGE DIMENSIONS

Product	Chain width:	Chain thickness:	Single tape widths:	Length of Tape Ends
S60 CE	6mm	1.9mm	16/21mm	top: 21±2mm bottom: top: 21±2mm
S60 OE				top: 21±2mm
S60 2WOE				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)	–	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)

TAPE OPTIONS



Opti S Regular Reversed



Opti S Regular Signal



Opti S BlackLine

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

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.



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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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S60: FEATURES

	S60 CE	S60 OE	S60 2WOE
Woven polyester tape; available also in reversed option.	X	X	X
Slider body and puller out of die casted zinc	X	X	X
Top stops and bottom stops - metal pin or plastic	X	X	X
Open end components out of zinc		X	X



SPORTS SLIDER WITH
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S60: QUALITY

Attributes	S60 CE	S60 OE	S60 2WOE
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)	> 3000 cycles	> 3000 cycles	> 3000 cycles
Pull off strength of puller	> 254 N	> 254 N	> 254 N
Slider locking strength	> 49 N	> 49 N	> 49 N
Slider over top stops	> 117 N	> 117 N	> 117 N
Lateral strength of bottom stop	> 120 N	–	–
Lateral strength of open end	–	> 117 N	–
Slider against bottom stop	> 117 N	–	–
Slider over bottom parts	–	–	> 90 N
Box pull of strength	–	> 98 N	> 98 N
Slider over 2 way open end	–	–	–

(The quality data represent minimum performance levels)



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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-S/Opti-S-Gym

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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