

Coats® Opti M Ultra™

Opti Ultra M zips are produced through a proprietary process on the metal in place of the standard wire brushing used on conventional metal zips. The metal components are deburred and abraded uniformly, including areas that are not easily accessible for mechanical processes. The result is an excellent looking zip that is uniform in shine, which opens and closes very smoothly.

COATS
opti m
ultra



BRILLIANT
GLOSS
METAL ZIP

BENEFITS

Brilliant gloss and smooth – this is how the new Ultra finish for the whole family of our standard metal zips look.

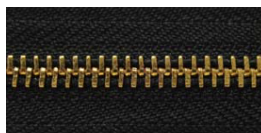
MAIN USES:

- Apparel
- Footwear
- Ladies handbags
- Leather goods

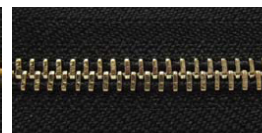
AVAILABLE ZIP TYPES

M4Y/M45 CE and OE	M6Y/M60 - all functions	M8Y/M80 - all functions
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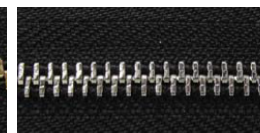
AVAILABLE FINISHES



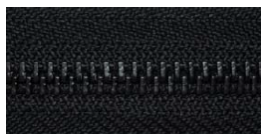
Ultra Gold



Ultra Light Gold



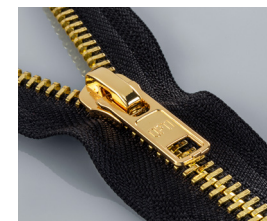
Ultra Silver



Ultra Gun Gold



Ultra Black



Coats® Opti M Ultra™

M4Y/M45: DIMENSIONS (APPROX)

	M4Y/M45 CC	M4Y/M45 CE	M4Y/M45 OE
Chain width	4.5 mm	4.5 mm	4.5 mm
Chain thickness	2 mm	2 mm	2 mm
Single tape widths	13 mm	13 mm	13 mm
Length of tape ends		top: 20±2 mm	top: 20±2 mm
		bottom: 17±2 mm	

M4Y/M45: FEATURES

	M4Y/M45 CC	M4Y/M45 CE	M4Y/M45 OE
Woven polyester tape; also available in 100% cotton for post dyeing.	X	X	X
Slider body out of die casted zinc, puller out of zinc or stamped brass/steel		X	X
Chain members from brass	X	X	X
Plating/Oxidation finishes: Ultra Gold, Ultra Light Gold, Ultra Silver, Ultra Gun Metal, Ultra Black	X	X	X
Top stops from brass and bottom stops from zinc to match chain finish		X	X

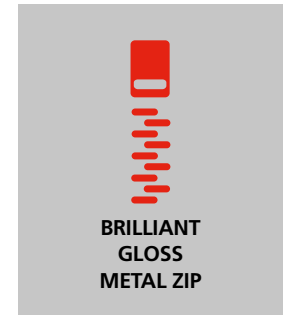


Coats® Opti M Ultra™

M4Y/M45: QUALITY

Attributes	M4Y/M45 CC	M4Y/M45 CE	M4Y/M45 OE
Lateral strength	> 587 N	> 587 N	> 587 N
Lateral strength after reciprocation	> 529 N	> 529 N	> 529 N
Operating force	< 4 N	< 4 N	< 4 N
Reciprocation (durability)	> 500 cycles	> 500 cycles	> 500 cycles
Pull off strength of puller	–	> 196 N	> 196 cycles
Slider locking strength	–	> 60 N	> 60 cycles
Slider over top stops	–	> 98 N	> 98 N
Lateral strength of bottom stop	–	> 75 N	> 75 N
Lateral strength of open end	–	–	–
Slider against bottom stop	–	> 78 N	> 78 N

(The quality data represent minimum performance levels)



Coats® Opti M Ultra™

M6Y/M60: DIMENSIONS (APPROX)

	M6Y/M60 CC	M6Y/M60 CE	M6Y/M60 OE	M6Y/M60 2WOE	M6Y/M60 2WCE X-form	M6Y/M60 2WCE O-form
Chain width	6 mm	6 mm	6 mm	6 mm	6 mm	6 mm
Chain thickness	2.4 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm
Single tape widths	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm
Length of tape ends		21 ± 4 mm	21 ± 4 mm	21 ± 4 mm	top: 21 ± 4 mm	top: 21 ± 4 mm
					bottom: 21 ± 4 mm	bottom: 21 ± 4 mm



M6Y/M60: FEATURES

	M6Y/M60 CC	M6Y/M60 CE	M6Y/M60 OE	M6Y/M60 2WOE	M6Y/M60 2WCE X-form	M6Y/M60 2WCE O-form
Woven polyester tape; also available in 100% cotton for post dyeing.	X	X	X	X	X	X
Slider body out of die casted zinc, puller out of zinc or stamped brass/steel	X	X		X	X	X
Chain members from brass	X	X	X	X	X	X
Plating/Oxidation finishes: Ultra Gold, Ultra Light Gold, Ultra Silver, Ultra Gun Metal, Ultra Black	X	X	X	X	X	X
Top stops from brass and bottom stops from zinc to match chain finish		X	X	X	X	X



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M6Y/M60: QUALITY

Attributes	M6Y/M60 CC	M6Y/M60 CE	M6Y/M60 OE	M6Y/M60 2WOE	M6Y/M60 2WCE X-form	M6Y/M60 2WCE O-form
Lateral strength	> 538 N	> 538 N	> 538 N	> 538 N	> 538 N	> 538 N
Lateral strength after reciprocation	> 485 N	> 485 N	> 485 N	> 485 N	> 485 N	> 485 N
Operating force	< 4 N	< 4 N	< 4 N	< 4 N	< 4 N	< 4 N
Reciprocation (durability)	> 500 cycles	> 500 cycles	> 500 cycles	> 500 cycles	> 500 cycles	> 500 cycles
Member pull of strength	> 59 N	–	–	–	–	–
Member slippage strength	> 54 N	–	–	–	–	–
Pull off strength of puller	–	> 245 N	> 245 N	> 245 N	> 245 N	> 245 N
Slider locking strength	–	> 78 N	> 78 N	> 78 N	> 78 N	> 78 N
Slider over top stops	–	> 117 N	> 117 N	> 117 N	> 117 N	> 108 N
Lateral strength of bottom stop	–	> 100 N	> 127 N	> 127 N	–	> 100 N
Slider against bottom stop	–	> 108 N	–	–	–	–
Box pull off strength	–	–	> 98 N	–	–	–
Slider over 2 way open end				> 90 N		

(The quality data represent minimum performance levels)



Coats® Opti M Ultra™

M80: DIMENSIONS (APPROX)

	M80 CC	M80 CE	M80 OE	M80 2WOE	M80 2WCE X-form	M80 2WCE O-form
Chain width	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm
Chain thickness	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm
Single tape widths	18 mm	18 mm	18 mm	18 mm	18 mm	18 mm
Length of tape ends		top: 30 ± 3 mm	top: 30 ± 3 mm	top: 30 ± 3 mm	top: 30 ± 3 mm	top: 30 ± 3 mm
		bottom: 30 ± 3 mm			bottom: 30 ± 3 mm	bottom: 30 ± 3 mm



M80: FEATURES

	M80 CC	M80 CE	M80 OE	M80 2WOE	M80 2WCE X-form	M80 2WCE O-form
Woven polyester tape; also available in 100% cotton for post dyeing.	X	X	X	X	X	X
Slider body out of die casted zinc, puller out of zinc or stamped brass/steel		X	X	X	X	X
Chain members from brass	X	X	X	X	X	X
Plating/Oxidation finishes: Ultra Gold, Ultra Light Gold, Ultra Silver, Ultra Gun Metal, Ultra Black	X	X	X	X	X	X
Top stops from brass and bottom stops from zinc to match chain finish		X	X	X	X	X



Coats® Opti M Ultra™

M80: QUALITY

Attributes	M80 CC	M80 CE	M80 OE	M80 2WOE	M80 2WCE X-form	M80 2WCE O-form
Lateral strength	> 734 N	> 734 N	> 734 N	> 734 N	> 734 N	> 734 N
Lateral strength after reciprocation	> 661 N	> 661 N	> 661 N	> 661 N	> 661 N	> 661 N
Operating force	< 6 N	< 6 N	< 6 N	< 6 N	< 6 N	< 6 N
Reciprocation (durability)	> 500 cycles	> 500 cycles	> 500 cycles	> 500 cycles	> 500 cycles	> 500 cycles
Member pull of strength	> 98 N	–	–	–	–	–
Member slippage strength	> 88 N	–	–	–	–	–
Pull off strength of puller	–	> 245 N	> 245 N	> 245 N	> 245 N	> 245 N
Slider locking strength	–	> 117 N	> 117 N	> 117 N	> 117 N	> 117 N
Slider over top stops	–	> 147 N	> 147 N	> 147 N	> 147 N	> 147 N
Lateral strength of bottom stop	–	> 100 N	–	–	–	> 100 N
Lateral strength of open end	–	–	> 157 N			
Slider against bottom stop	–	> 137 N	–	–	–	–
Box pull of strength	–	–	–	> 117 N		
Slider over 2 way open end	–	–	–	> 120 N		

(The quality data represent minimum performance levels)



Coats® Opti M Ultra™

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 coats.com/en/Products/Zips/Opti-M/Opti-M-Ultra



BRILLIANT
GLOSS
METAL ZIP

