

When SLIDING

becomes a
PLEASURE

DongGuan City Feng Heng Zipper Co., Ltd. is a modern trading and manufacturing enterprise located in Mainland China.



Company core values and goals

OOK Zipper is founded in 2007 and was providing the high-quality zippers to a wide range of international customers.

The company is committed to researching and developing high oxidation resistance and nickel-free products that comply with European RoHS standards and Japanese Keiki requirements, and have accredited the OEKO-TEX Standard 100 certification.

Headquarter is located in Hong Kong and our own well equipped manufacturing unit is located in Dongguan City, Guangdong Province where is 82 kilometers away from Guangzhou Baiyun International Airport and 63 kilometers from Shenzhen International Airport. Both the domestic and export transportation are extremely convenient.

Now OOK Zippers has developed into a team of more than 150 experienced operators and professional staffs. From optimizing manufacturing facilities and tooling to all production processes are well controlled internally and every single step is highly supervised. Our daily production capacity is 70,000 meters currently and is expected to be increasing to 100k metre per day. With promising production leadtime of 14-20working days, we aim to service client with the consistent and premise delivery.

OOK Zippers also provide the high-level customization services, including Dye to Match color serving, customized logo puller and laser carving to fulfill different brands' needs.

OOK Zippers is providing customers and partners the tailor-made service of development and production to achieve the real collaboration.



Content

1	2	3	4	5
Company Introduction	Production Facilities	Zipper Series	Test Report	Services



Company Introduction

DETAILS MATTER: HOW LITTLE THINGS ADD UP









Production Facilities

MOULD WORKSHOP



▲ CNC Molding Workshop



Numerical Control Workshop





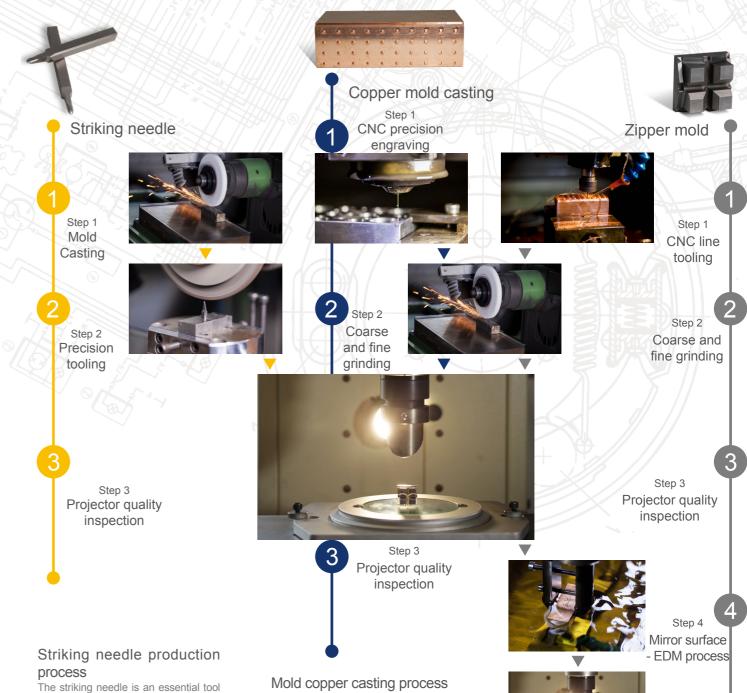
STRIVING TO CREATE VALUE ADDED PRODUCTS

The key to a smooth and high performance zipper lies in the assembling process. OOK skillfully handcrafts it to ensure every inch of the zipper will perform at its best. We master the art of detail and combine it with technology, industry and workmanship.





To achieve the best possible result we use Swiss +GF+ professional cutting machines. Each produced piece reaches a high level of precision with tolerance within 3UM.



The striking needle is an essential tool for zipper manufacturing. The entire manufacturing process is rigorously controlled. Handle, body and point are engineered and constantly checked. A standard striking needle is obtained by a process of continuous inspection feedback and correction.

A central part of this process relies on the CNC machine input. Data and graphic inputs are carefully loaded onto our CNC machines digital display screens. Our technicians select the correct tools and CAM specs. The copper mold is carefully clamped onto the CNC machine-tooling table where step grinding is performed. Projector quality inspection after tooling assures that piece will couple perfectly with a standard needle.



Step 5
Second
projector quality
inspection

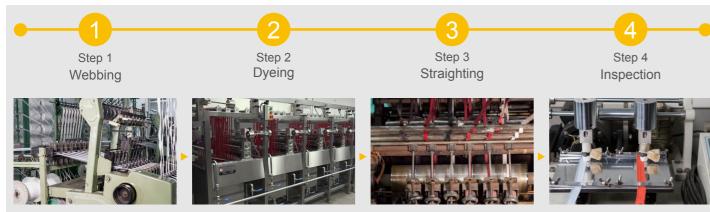
Zipper molding process

CNC line tooling, coarse and fine grinding are checked constantly with our state of the art projector control system which allows us to detect any inconsistencies and make immediate rectifications. EDM process and tooling are done to specific angles and each stage of the process is checked and eventually corrected by a second projector inspection. The zipper mold process is complete only once this final test is passed and the data from the projector inspection is fully analyzed.

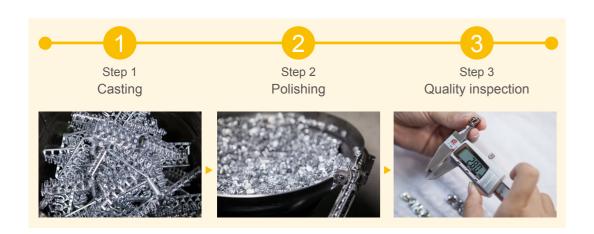


TAPE WORKSHOP





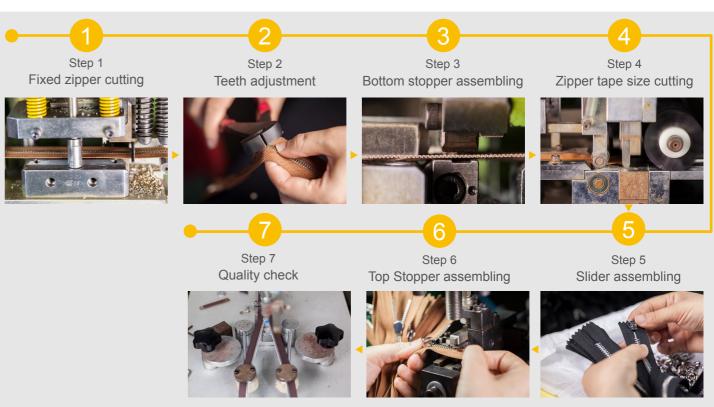
SLIDER WORKSHOP



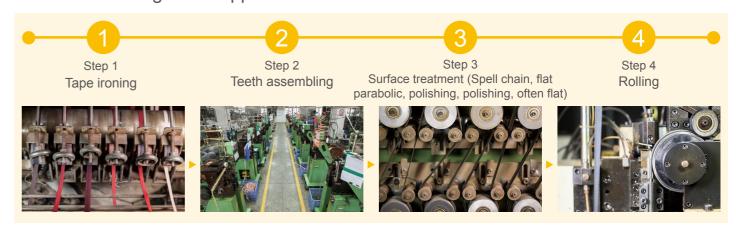
ZIPPER PRODUCTION WORKSHOP



Process of cut sized zipper



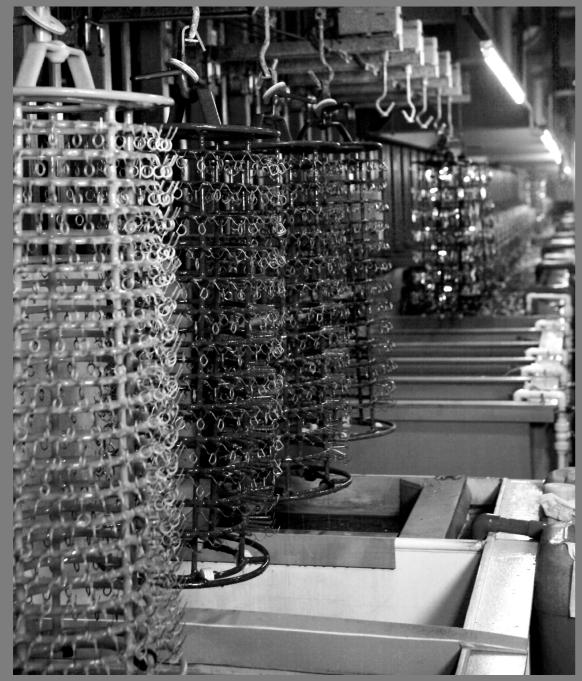
Process of long chain zipper



PLATING WORKSHOP

OOK Quality Zippers

GALVANIC PLATING FOR A PERFECT DURABLE APPEARANCE.



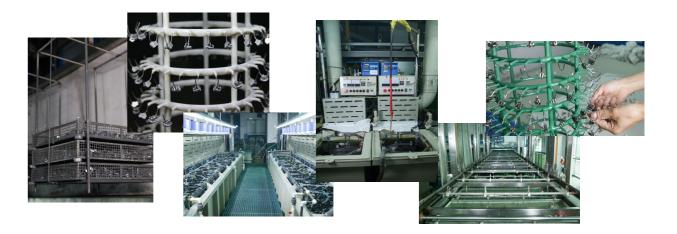
△ Plating bath

In order to achieve the perfect optical appearance we apply metallic finish by means of electro chemical processes. Our electrolysis process is very versatile and offers an array of coating: nickel, copper, brass, zinc, etc. The ionic migration provides a uniform and compact overlay plating that improves corrosion resistance to ensure the perfect look will be long lasting.



Chemical plating process





Hanging plating process flow



Zipper Series

1	2	3
Metal Zipper	Coils Zipper	Specials Zipper







	Specifications	#5
	Model	#5OOKTeeth
Force for open-close (N)		4
	British standard load pull cycles (N)	Longitudinal loading14N Transverse loading16N round trip frequency1000 次
	Pull strength (N)	500
	Self locking force (N)	50
	Force of Top stopper (N)	120
Strength	Force of bottom stopper (N)	120
(N)	Open-end pull strength (N)	130
	Pin box shift strength test (N)	80
	Slider & pull closer force (N)	250
	Pull ring tensile strength (N)	
	Slider & puller tab force (N)	290
	Transverse tension (N)	757
	Element Pull-Off (N)	78
	Element Slippage (N)	60
Standard ar	nd round trip in Italy (cycle)5000-5000-8000	5000
	color fastness	Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard
	Shrinkage rate	6%-8%cm
Metallic coatings Corrosion	24H salt spray test (level)	10
resistance ISO.10289	48H salt spray test (level)	10
Test standard"	48H-72H aging test (level)	10









OOK SERIES











	Specifications	#5		
	Model	#5Poli Teeth		
Force for open-close (N)		4		
	British standard load pull cycles (N)	Longitudinal loading14N Transverse loading16N round trip frequency1000 次		
	Pull strength (N)	500		
	Self locking force (N)	50		
	Force of Top stopper (N)	120		
Strength	Force of bottom stopper (N)	120		
(N)	Open-end pull strength (N)	130		
	Pin box shift strength test (N)	80		
	Slider & pull closer force (N)	250		
	Pull ring tensile strength (N)			
	Slider & puller tab force (N)	290		
	Transverse tension (N)	757		
	Element Pull-Off (N)	78		
	Element Slippage (N)	60		
Standard a	nd round trip in Italy (cycle)5000-5000-8000	5000		
	color fastness	Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard		
	Shrinkage rate	6%-8%cm		
Metallic coating Corrosion	24H salt spray test (level)	10		
resistance	48H salt spray test (level)	10		
ISO.10289 Test standard"	48H-72H aging test (level)	10		

METAL ZIPPER





posi Polished SERIES







Ready Ready SERIES

Ready Ready is the new item done by our manufacturing improvement of "V wire" stamping processes. The name Ready Ready reveals its characters of tempting appearance and excellent smoothness, and with its attractive price. Ready Ready will be the best accessories matched with customer's demands.

Physical properties

Strength specifications	#3 RR	#5 RR	#8 RR
Lateral strength of fastener (N)	392	538	734
Reciprocation under load (cycles)	> 500	> 500	> 500
Slider self locking force (N)	49	78	117
Puller pull off (N)	147	245	245
Slider over top stop (N)	88	117	147
Slider against bottom stop (N)	78	108	137
Operation force (Max)	< 3 N	< 4 N	< 6 N
Puller against torque (kgf.cm)	3	4	8
Element pull off (N)	49	59	98
Element slippage (N)	39	54	88

Customerization

- Over 15 metal chain finishes and 26 metal slider finishes for matchings and combinations
- Over 600 standard tape colors and offer Dye-To-Match service
- Various standard pullers for selection and able to design the customized pullers
- Available types: Open end, closed end, one way or acceptable run ability of two ways quality and continuous chain



METAL ZIPPER







Another individual tooth assembled zipper series innovated by OOK technical team recently. Its high quality and performance with more competitive and aggressive price offered for assisting the customers to expose their markets successfully.

Physical properties

Strength specifications	#3 Smooth	#5 Smooth	#8 Smooth
Lateral strength of fastener (N)	392	538	734
Reciprocation under load (cycles)	> 500	> 500	> 500
Slider self locking force (N)	49	78	117
Puller pull off (N)	147	245	245
Slider over top stop (N)	88	117	147
Slider against bottom stop (N)	78	108	137
Operation force (Max)	< 3 N	< 4 N	< 6 N
Puller against torque (kgf.cm)	3	4	8
Element pull off (N)	49	59	98
Element slippage (N)	39	54	88

Customerization

- Over 15 metal chain finishes and 26 metal slider finishes for matchings and combinations
- Over 600 standard tape colors and offer Dye-To-Match service
- Various standard pullers for selection and able to design the customized pullers
- Available types: Open end, closed end, two ways and continuous chain

METAL ZIPPEI





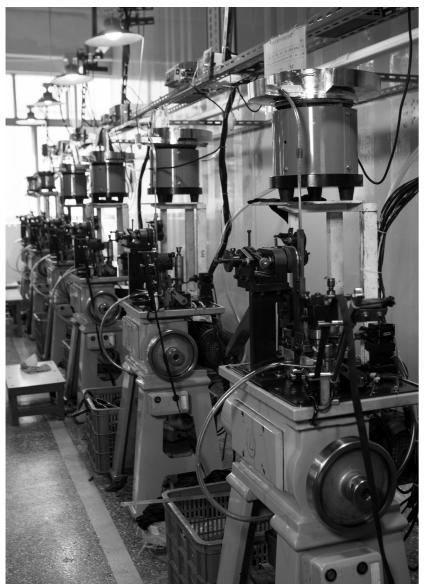
Step 10

Finished

zipper

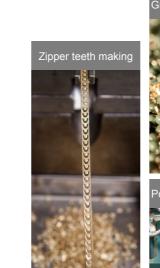


SIMPLY EXCELLENT... ECCELLENTE... DI PIU'!





dedication and passion



Scrap

Zipper

teeth

making

Step 2

Grinding

and

polishing



Step 3

Electro-

plating

teeth color





Step 6

Zipper

Flat zipper

Zipper

ironing

Step 5

Teeth

lacquering assembling combination

Teeth





Step 9

Zipper

inspection









Teeth sample

Scraps

▲ Dipiu production workshop





Specifications		#5		
	Model	#5Dipiu Teeth		
	Force for open-close (N)	4		
[British standard load pull cycles (N)	Longitudinal loading14N Transverse loading16N round trip frequency1000 次		
l	Pull strength (N)	500		
l	Self locking force (N)	50		
l [Force of Top stopper (N)	120		
Strength	Force of bottom stopper (N)	120		
(N)	Open-end pull strength (N)	130		
[Pin box shift strength test (N)	80		
	Slider & pull closer force (N)	250		
	Pull ring tensile strength (N)			
l	Slider & puller tab force (N)	290		
,	Transverse tension (N)	757		
	Element Pull-Off (N)	94		
	Element Slippage (N)	81		
Standard a	nd round trip in Italy (cycle)5000-5000-8000	8000		
	color fastness	Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard		
Shrinkage rate		6%-8%cm		
Metallic coatings Corrosion	24H salt spray test (level)	10		
resistance ISO.10289	48H salt spray test (level)	10		
Test standard"	48H-72H aging test (level)	10		





Lala SERIES



With its circular teeth, LALA zipper has been developed to cater for the specific needs of the handbag and small leather goods (SLG) industry. Fashion oriented, LALA is a high quality product for luxury goods, designed to focus on strength and resilience to satisfy our most demanding high-end customers.



▲ LALA production workshop



Finished

zipper

Zipper



Zipper Flat zipper Grinding Electro-Teeth Teeth Zipper Zipper teeth plating lacquering assembling combination ironing inspection polishing teeth

making color Salt spray test









	Specifications	#5		
Model		#5LALA teeth		
Force for open-close (N)		4		
	British standard load pull cycles (N)	Longitudinal loading14N Transverse loading16N round trip frequency1000 次		
	Pull strength (N)	500		
	Self locking force (N)	50		
	Force of Top stopper (N)	120		
Strength	Force of bottom stopper (N)	120		
(N)	Open-end pull strength (N)	130		
Γ	Pin box shift strength test (N)	80		
Γ	Slider & pull closer force (N)	250		
Γ	Pull ring tensile strength (N)			
Γ	Slider & puller tab force (N)	290		
•	Transverse tension (N)	702		
	Element Pull-Off (N)	87		
	Element Slippage (N)	76		
Standard ar	nd round trip in Italy (cycle)5000-5000-8000	7500		
	color fastness	Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard		
	Shrinkage rate	6%-8%cm		
Metallic coatings Corrosion	24H salt spray test (level)	10		
resistance ISO.10289	48H salt spray test (level)	10		
Test standard"	48H-72H aging test (level)	10		

METAL ZIPPER







Diamond SERIES

DIAMOND zipper series a new and innovative feeling.

Available in #3, #5, #8 and with over 15 chain finish, DIAMOND zipper series is modern, easy and practical. Its feel and look comply with modern life and modern design requirements. Extremely versatile its application are limitless, bags, shoes or garment, OOK zipper series will slide in style.

Specifications		#5		
	Model	#5Diamond Teeth		
Force for open-close (N)		4		
l i	British standard load pull cycles (N)	Longitudinal loading14N Transverse loading16N round trip frequency1000 次		
l i	Pull strength (N)	500		
l	Self locking force (N)	50		
l	Force of Top stopper (N)	120		
Strength	Force of bottom stopper (N)	120		
(N)	Open-end pull strength (N)	130		
l	Pin box shift strength test (N)	80		
l	Slider & pull closer force (N)	250		
l	Pull ring tensile strength (N)			
	Slider & puller tab force (N)	290		
	Transverse tension (N)	757		
	Element Pull-Off (N)	78		
	Element Slippage (N)	60		
Standard a	nd round trip in Italy (cycle)5000-5000-8000	5000		
	color fastness	Resistance to yellowing: GT-100 (30W) 3 hours of friction bleaching: AATCC standard		
	Shrinkage rate	6%-8%cm		
Metallic coating Corrosion	24H salt spray test (level)	10		
resistance ISO.10289	48H salt spray test (level)	10		
Test standard"	48H-72H aging test (level)	10		



Nylon SERIES



Nylon zipper is the common name used in market for decades and people are used to it, but we adopt the high-quality Polyester for woven tapes and coils instead of Nylon. The textured Polyester yarns and Polyester filaments have the better dyeability and colorfastness performance. Besides widely applied on garments and bags, some of our special Nylon series also can be applied on heavy duty travel baggage and special items.

Physical properties

Strength specifications	#3 Nylon	#5 Nylon	#8 Nylon
Lateral strength of fastener (N)	392	783	832
Reciprocation under load (cycles)	> 500	> 500	> 500
Slider self locking force (N)	39	49	78
Puller pull off (N)	90	245	294
Slider over top stop (N)	78	117	147
Slider against bottom stop (N)	60	117	176
Operation force (Max)	< 4 N	< 4 N	< 5 N
Puller against torque (kgf.cm)	3	5	8

Customerization

- Various materials (ultrasonic transparent filament, metal wire, plastic injection) of top stops, bottom stops and open end components to fit all applications
- Over 600 standard tape colors and offer Dye-To-Match service
- Various standard pullers for selection and able to design the customized pullers
- Available types: Open end, closed end and continuous chain

Sprial SERIES

Spiral series are the advanced coils zippers and developed from European weaving technology. The spiral coils are formed and secured by a plurality of yarn on creel, which are woven by tape weaving loom in one process that enhances the strengths. The low profiled coils chain provides more flexible and less abrasion for running than ordinary Nylon zippers.

Physical properties

Strength specifications	#3 Coils	#5 Coils	#8 Coils
Lateral strength of fastener (N)	420	850	950
Reciprocation under load (cycles)	> 500	> 500	> 500
Slider self locking force (N)	39	49	78
Puller pull off (N)	90	245	294
Slider over top stop (N)	78	117	147
Slider against bottom stop (N)	60	117	176
Operation force (Max)	< 4 N	< 4 N	< 5 N
Puller against torque (kgf.cm)	3	5	8



Customerization

- Various materials (ultrasonic transparent filament, metal wire, plastic injection) of top stops, bottom stops and open end components to fit all applications
- Over 600 standard tape colors and offer Dye-To-Match service
- Various standard pullers for selection and able to design the customized pullers
- Available types: Open end, closed end and continuous chain

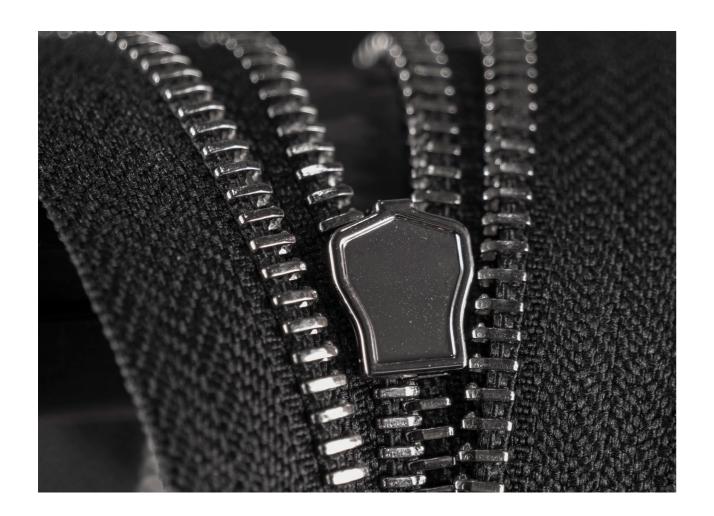






Shield SERIES

From the ancient times to now, the SHIELD always is the effective protection tool. Our stainless steel zipper series inherits the unique character of shields to provide the strengthened protection. SHIELD stainless steel zippers provide higher resistance to severe corrosion from the intensive industrial washes and unfavorable environment conditions. Besides the natural strength of steel, SHIELD also are well polished for running smoothly on jeans, workwear and leather goods.



Physical properties

Strength specifications	#3	#5	#8
Lateral strength of fastener (N)	450	750	850
Reciprocation under load (cycles)	> 500	> 500	> 500
Slider self locking force (N)	49	78	117
Puller pull off (N)	147	245	245
Slider over top stop (N)	88	117	147
Slider against bottom stop (N)	78	108	137
Operation force (Max)	< 3 N	< 4 N	< 6 N
Puller against torque (kgf.cm)	3	4	8
Element pull off (N)	55	65	98
Element slippage (N)	39	54	88

Customerization

- Over 600 standard tape colors and offer Dye-To-Match service
- Various standard pullers for selection and able to design the customized pullers
- Cotton tapes are offered for garment dye
- M45 is offered for jeans and workwear application
- Available types: Open end, closed end and continuous chain
- Shield #4 zippers are offered





Anchor SERIES

Under the unpredictable Ocean weather, an anchor is the safety device to keep the ships in position and to protect the sailors in a storm and waves. With the advanced technology of TPU injection on coils, our ANCHOR zipper series provides the super performance of waterproof function even under high pressure and lateral tension. The tape coating and slit can be contrary colored for vivid and creative design of high functional water sportwear and gears.

Physical properties

Strength specifications	S40	S60	S80	
Lateral strength of fastener (N)	450	783	832	
Reciprocation under load (cycles)	> 500	> 500	> 500	
Slider self locking force (N)	20	49	78	
Puller pull off (N)	90	245	294	
Slider over top stop (N)	67	67	200	
Slider against bottom stop (N)	78	120	137	
Operation force (Max)	< 4N	< 4 N	< 5N	
Puller against torque (kgf.cm)	3	4	8	

Customerization

- Over 600 standard tape colors and offer Dye-To-Match service
- Various standard pullers for selection and able to design the customized pullers
- Customized logo and pattern printing are offered
- Available types: Open end, closed end and continuous chain



SPECIALS ZIPPER







Our molded plastic series are the remarkable products and made of high quality resins, advanced injection molding technology and rich color range for selection. The light weight and bulky elements are high applicable to outdoor and fashionable products.

Strenght specifications	#3	#5	#8	#10
Lateral strength of fastener (N)	300	430	600	700
Reciprocation under load (cycles)	> 500	> 500	> 500	> 500
Slider self locking force (N)	25	55	80	100
Puller pull off (N)	146	270	350	400
Slider over top stop (N)	100	120	200	220
Slider against bottom stop (N)	60	88	140	170
Operation force (Max)	< 4 N	< 4 N	<6 N	< 7 N
Puller against torque (kgf.cm)	3	5	8	8
Element pull off (N)	35	60	90	100
Element slippage (N)	40	50	90	100

SPECIALS ZIPPER





Slider SERIES



M3/M5/M8/M10-OOKDTW-MGGL

#3/#5/#8/#10 Metal slider in Rack-Plating Nickel Finish



M3/M5/M8/M10-OOKDTW-MGGQ

#3/#5/#8/#10 Metal slider in Polished Rack-Plating Gun metal Finish



M3/M5/M8/M10-OOKDTW-MQGQJ

#3/#5/#8/#10 Metal slider in Polished Rack-Plating Light Gold Finish



M3/M5/M8/M10-OOKDTW-MGGJ

#3/#5/#8/#10 Metal slider in Polished Rack-Plating Gold Finish



M 3 / M 5 / M 8 - HCTW-MGGL

#3/#5/#8LOCO metal slider in polished rackplating nickel finish



M5/M8/M10-DSTW-MQGQJ

#5/#8/#10 Metal kiss slider in polished rackplating Light Gold finish



M3/M5/M8/M10-OOKDTW-MGLZJ

#3/#5/#8/#10 Metal slider in Rack-Plating Sneak Gold Finish



M3/M5/M8/M10-OOKDTW-SQG

#3/#5/#8/#10 Metal slider in Barrel-Plating Brushed Antique Brass Finish



M3/M5/M8/M10-OOKDTW-MGQQ

#3/#5/#8/#10 Metal slider in Polished Rack-Plating Light Gun Metal Finish



M3/M5/M8/M10-OOKDTW-HGT

#3/#5/#8/#10 Metal slider in Barrel-Plating Antique Copper Finish



M3/M5/M8/M10-NYLON-MQGQJ

#3/#5/#8/#10 Nylon slider in polished rackplating Light Gold finish



M3/M5/M8/M10-OOKJY-MGGL

#3/#5/#8/#10 OOK slider for plastic zip in polished rack-plating nickel finish

Stoppers SERIES





This zipper chain slider stop has been developed to comply with European Union requirements

Top Stopper



U type



Strengthened type



European type

Bottom Stopper



X type



claws type

Test Report

Research & Development Experience The Quality For Yourself

Quality, safety & certification of industrial products

Both consumers and professionals are continuously seeking strength, durability, safety and ultimately product compliance. Therefore RELIABILITY is the key word to which the industry as a whole must comply to.

In today's marketplace perception can sometimes be deceiving. Parameters such as country of origin or brand affiliation are actually not the most relevant simply because perception does not always translate into reality. Brands do not always insure quality and especially do not always insure quality on all product lines. Likewise individual countries do set parameters to ensure certain safety standards are being met but in many cases fall short on specific regulations leaving many technical and quality issues untouched.



Salt spray test 24H Acid, 48H neutral



Reciprocating Test
- 1000 cycles



Transverse tensile test of zipper



Dry wiping test



What does quality mean?



Usability & Strength

Customers' satisfaction is the key factor to success. Experts tested our zippers strength, durability, efficiency and usability. Because we are committed to provide high quality zippers to insure your complete satisfaction.



Oeko-Tex Standard 100 certification

We are delighted to announce that our OOK zippers are accredited for Oeko-Tex Standard 100 certification. The zipper components and colourations have been tested to be free from harmful levels of more than 100 substances known to be harmful to human health.

Our commitment to product quality is a way of appreciation for customer's supports.



EN 16732 : 2015

European Standard specifies performance levels and test methods







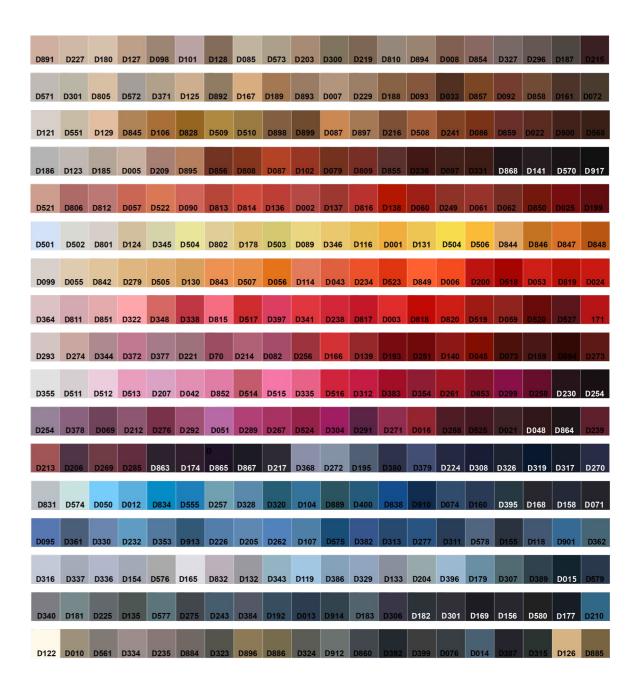
tape COLORS

Our color tape swatch is bursting with a whole spectrum of ideas and you have all the colors of the rainbow to choose from.

Find the right match to your product from our zipper tape color swatch.

You can also send us a sample of the material for reference and we will custome made the color to ensure the perfect match between your product and our zipper.









Contact US

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