

MASTERSEAL 6

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PREMIUM WATERPROOF ZIPPERS MADE IN GERMANY



waterproof



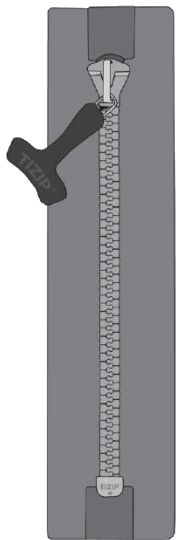
airtight



pressure tested

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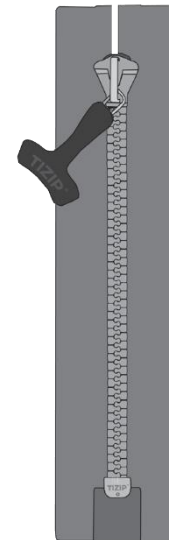
VERSIONS



MasterSeal
HE

1 slider

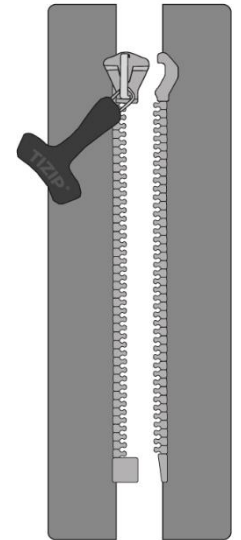
both sides closed



MasterSeal
TS

1 slider

one side open



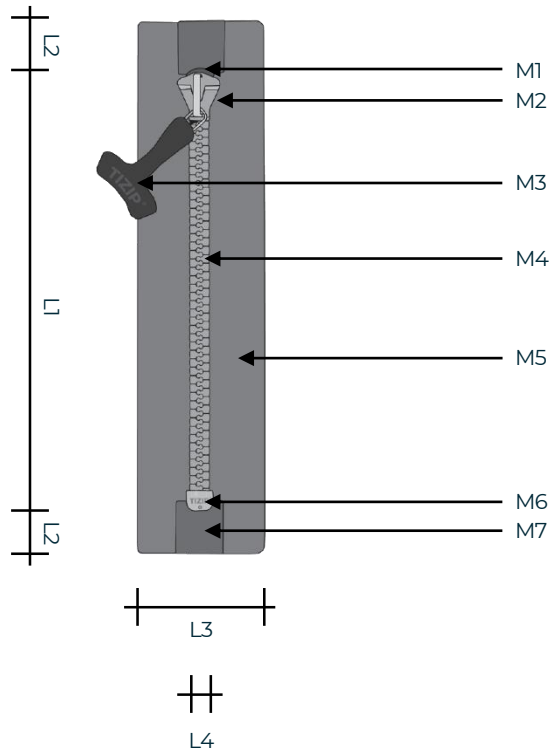
MasterSeal
PB

1 slider

separable

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TECHNICAL DATASHEET



Geometry*

- L1 Order length: 190 - 10.000 mm
- L2 Overhang length: 16 mm / 25 mm
- L3 Tape width: 40 mm / 50 mm
- L4 Chain width: 6 mm

Material*

- M1 Docking End: Thermoplastic Polyurethane
- M2 Slider: Polymer
- M3 Puller: Thermoplastic Polyurethane
- M4 Teeth: Thermoplastic Polyurethane
- M5 Tape: Polyurethan coated Polyester
- M6 End Stop V8: Thermoplastic Polyurethan
- M7 Pattern: Polyurethan coated Polyester

Parameter*

- ☔ Sealing strength: 200 mbar (IPX7)
- ↔ Cross tension: 160 N/cm
- 🌡️ Temperatur: -30° to +70° C

Installation*

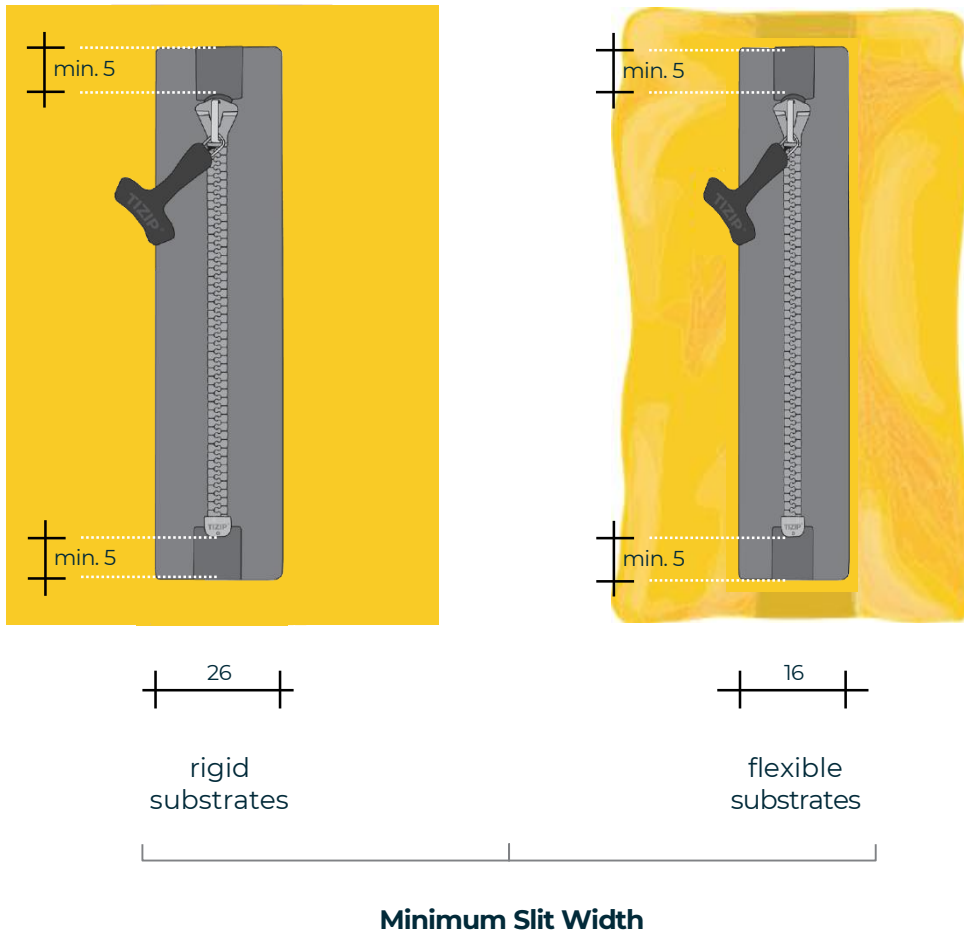
HF welding, sewing + taping, or gluing

*configuration-dependent target values

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APPLICATIONS / DURABILITY / INSTALLATION



Applications

- Swimming shorts
 - Waders
 - Motorcycle jackets & pants
 - Hiking- / skiing jackets & pants
 - Protective & survival
 - Shoes
 - Tents, covers
 - Backpacks, duffle bags, cooler bags
 - Other
- Water Sports
- Clothing
- Outdoor

Durability

- Weather-resistant
- Suitable for both freshwater and saltwater applications
- Oil and gasoline-resistant

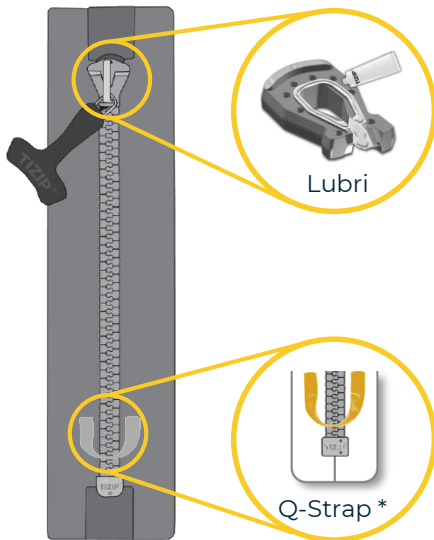
Installation

- A minimum slit width of 16 mm is recommended for all types of substrates.
- With rigid substrates (fabric, foils, neoprene, etc.) the slit width should be increased to at least 26 mm.
- The zip must not be roughened for installation.
- The welding temperature, welding time, welding electrode and contact pressure must be optimally adjusted to the zipper (material, geometry, etc.). Tests are recommended before installation.

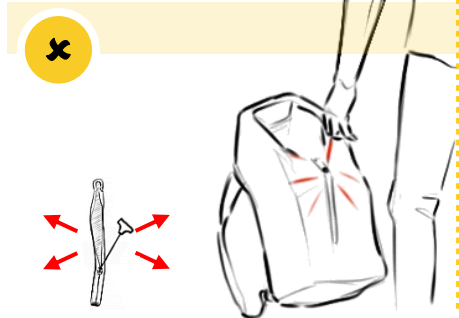
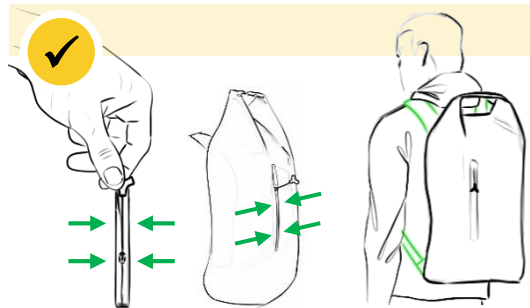
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BEST PRACTICE / CLEANING / STORAGE



* Do not use Q-strap as hanging hook.



Best Practice

- Operate the slide gently. Pulling at an angle can negatively affect the zippers, e.g. their tightness.
- Avoid overstretching the docking end and end pieces if necessary by using the optional Q-Strap. Do not pull the two sides of the zipper apart forcefully.
- Be careful not to fold or squeeze the zippers.
- Close each zipper carefully so that the slider lies correctly in the docking end to guarantee tightness.

Cleaning

- Dirt particles, especially between the teeth, can affect the sealing lip and thus negatively affect the tightness and durability.
- We recommend a light soapy water and a fine brush.
- Do not use solvents or aggressive cleaning agents as these negatively affect the function of the zipper.

Lubrification

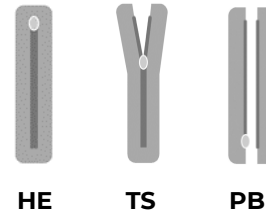
- MasterSeal zippers need to be lubricated from time to time.
- Apply gently the lubricating grease in the area of the docking end on the front and back, as well as on the inside at the transition to the zip chain.
- Do not use grease along the zipper chain.
- Remove remaining lubricating grease to avoid stains.
- Use the original TIZIP® lubricating grease.

Storage

- TIZIP® zippers should be stored completely closed, dry, clean and without bending.

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CONFIGURATION



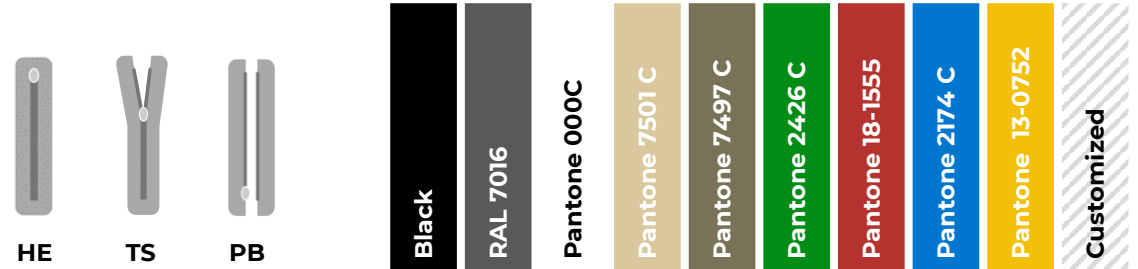
1.0 GEOMETRY

1.1	L1 - Length	190 – 10.000 mm	other lengths on request		
1.2	L2 - Overhang	25 / 25 mm	■	■	
1.3	L2 - Overhang	16 / 16 mm	□	□	
1.4	L2 - Overhang	0 / 20 mm			■
1.5	L3 - Width	40 mm	■	■	■
1.6	L3 - Width	50 mm	□	□	□

■ Standard □ Option

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CONFIGURATION



2.0 OPTIC

2.1	M5 - Tape	plain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2	M7 - Pattern	front side	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3	M7 - Pattern	back side	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

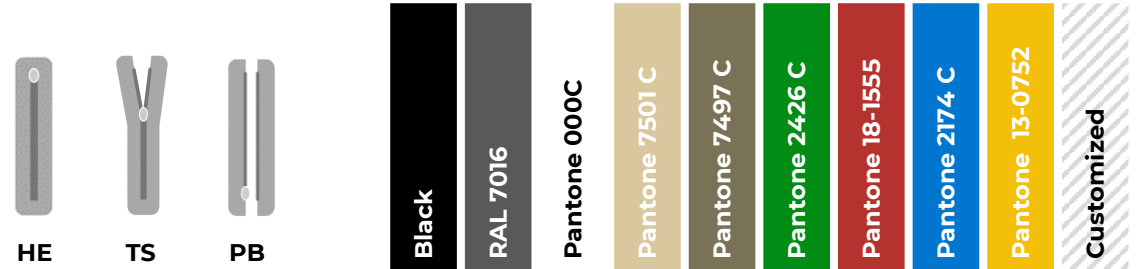
3.0 SLIDER

3.1	M2 - Polymer Slider		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	M2 - Polymer Slider	Lock-System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Standard Option

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CONFIGURATION



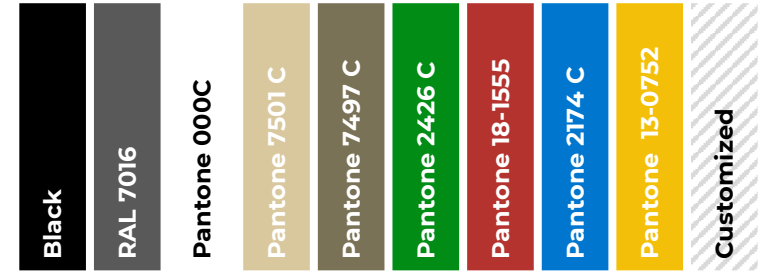
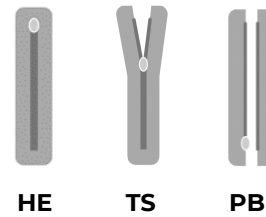
4.0 PULLER

			HE	TS	PB	Black	RAL 7016	Pantone 000C	Pantone 7501 C	Pantone 7497 C	Pantone 2426 C	Pantone 18-1555	Pantone 2174 C	Pantone 13-0752	Customized
4.1	M3 - Puller 35M	35 mm		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.2	M3 - Puller 25M	25 mm		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3	M3 - Puller 15M	15 mm		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4	M3 - Puller 35C	35 mm		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5	M3 - Puller 25C	25 mm		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.6	Puller Customized Logo	only with 4.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

■ Standard □ Option

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CONFIGURATION



5.0 OPTIONS

5.1	Left handling	Pin/Box	<input type="checkbox"/>
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■ Standard □ Option

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