

MASTERSEAL 10

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PREMIUM WATERPROOF ZIPPERS MADE IN GERMANY



waterproof



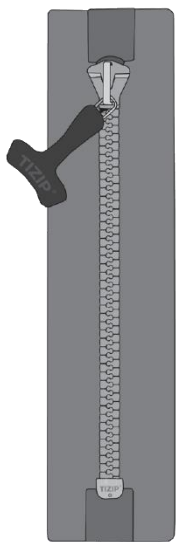
airtight



pressure tested

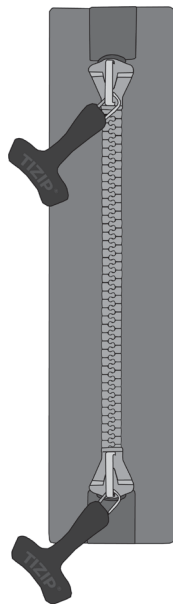
MASTERSEAL 10

VERSIONS



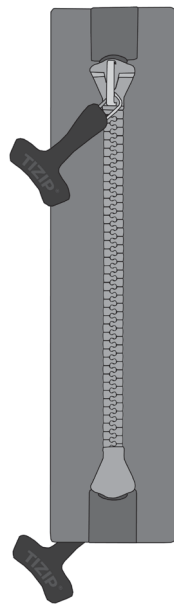
MasterSeal
HE

1 slider



MasterSeal
HH

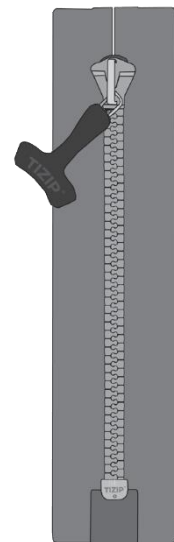
2 slider
same side



MasterSeal
HHR

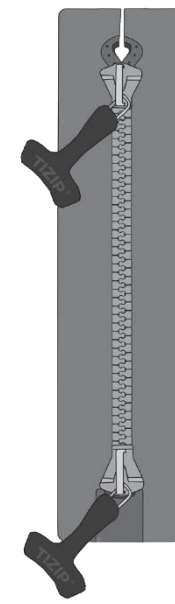
2 slider
different sides

both sides closed



MasterSeal
TS

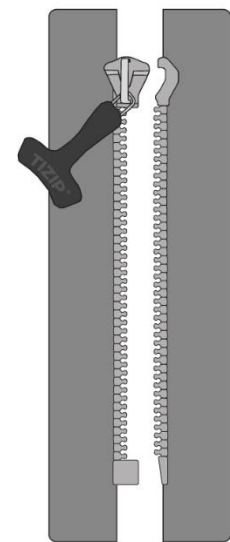
1 slider



MasterSeal
HTS

2 slider
same sides

one side open



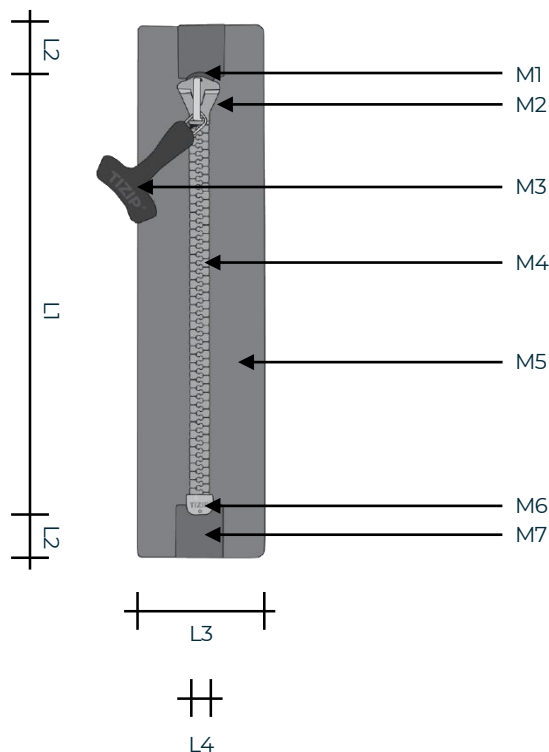
MasterSeal
PB

1 slider

separable

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TECHNICAL DATASHEET



Geometry*

- L1 Order length: 230 - 10.000 mm
- L2 Overhang length: 16 mm / 25 mm
- L3 Tape width: 50 mm / 70 mm
- L4 Chain width: 10 mm

Material*

- M1 Docking End: Thermoplastic Polyurethane
- M2 Slider: Polymer, Metal
- 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: up to 1000 mbar (IPX8)
- ↔ Cross tension: 200 N/cm
- 🌡 Temperatur: -30° to +70° C

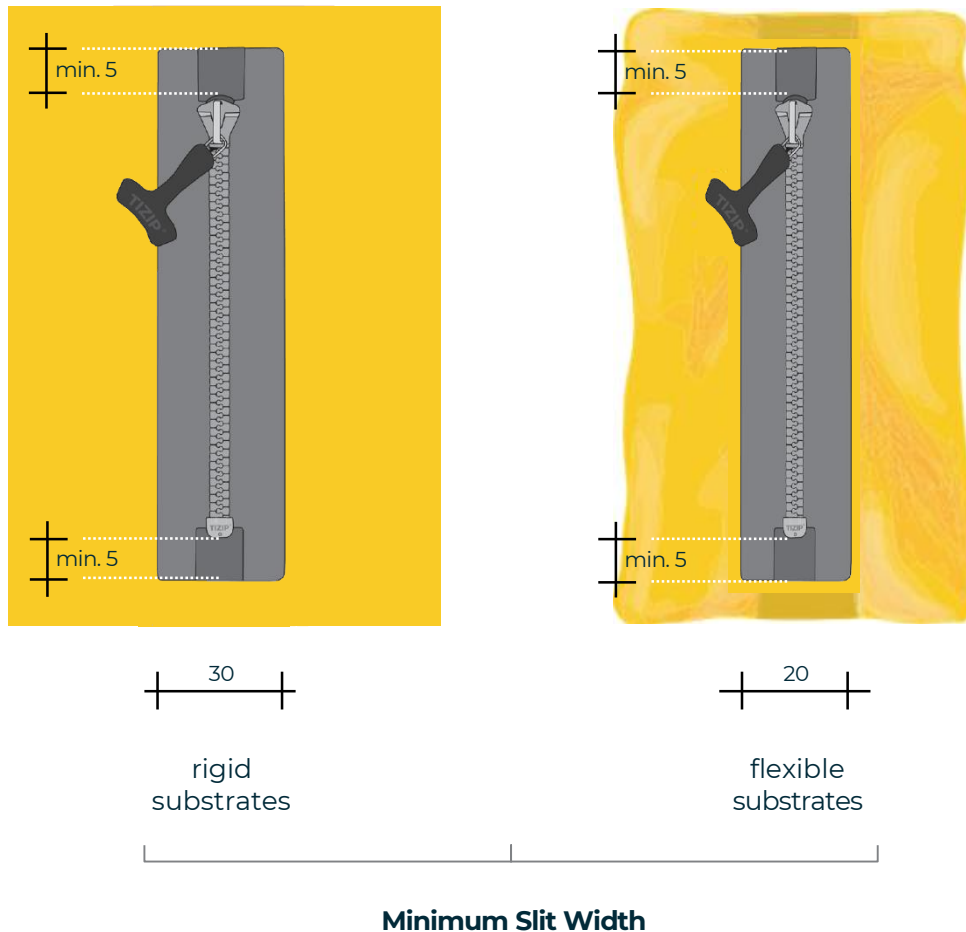
Installation*

HF welding, sewing + taping, or gluing

* configuration-dependent target values

MASTERSEAL 10

APPLICATIONS / DURABILITY / INSTALLATION



Applications

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

Durability

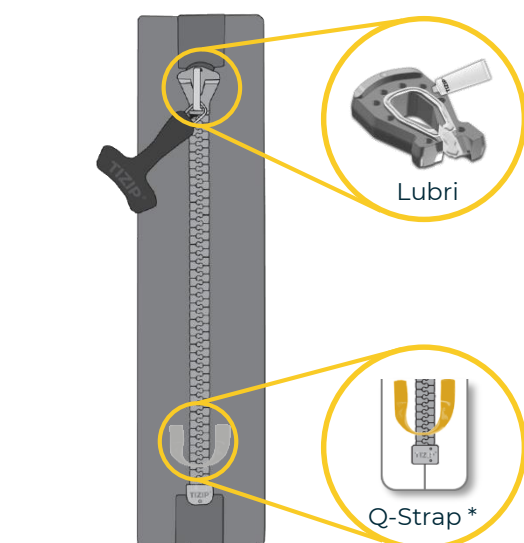
- Weather-resistant
- Suitable for both freshwater and saltwater applications
- Oil and gasoline-resistant

Installation

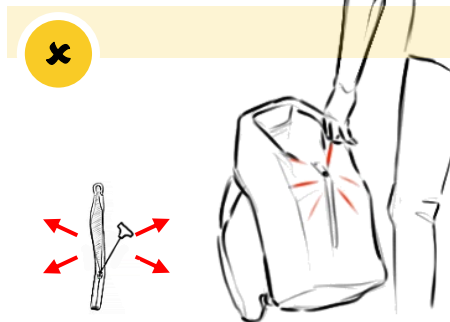
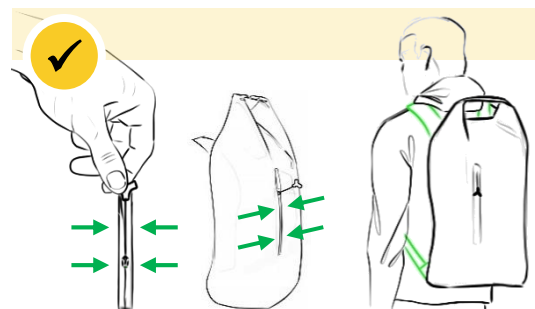
- A minimum slit width of 20 mm is recommended for all types of substrates.
- With rigid substrates (fabric, foils, neoprene, etc.) the slit width should be increased to at least 30 mm.
- The zip must not be roughened for installation.
- The welding temperature, welding time, welding electrode and contact 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 (I)

1.1	L1 - Length	230 – 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	10 / 10 mm					■	
1.5	L2 - Overhang *	19 / 33 mm	only with 4.7		□			

■ Standard □ Option

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CONFIGURATION



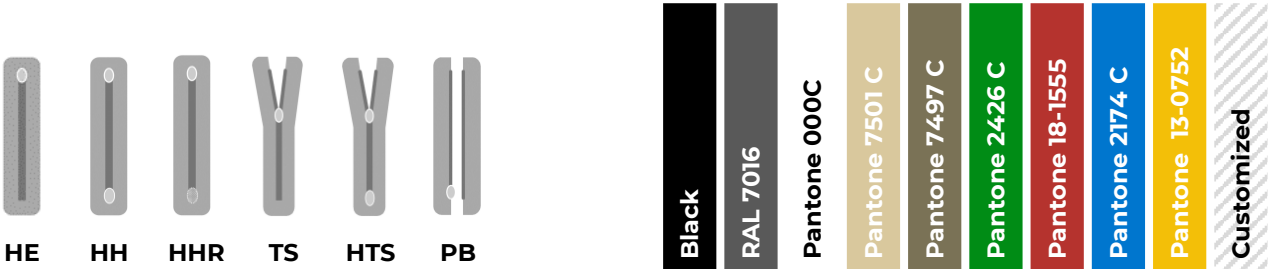
1.0 GEOMETRY (2)

1.8	L3 - Width	50 mm	■	■	■	■	■	■
1.9	L3 - Width	70 mm	□	□	□	□	□	□

■ Standard □ Option

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CONFIGURATION



2.0 OPTIC

2.1	M5 - Tape	plain	■	■	■	■	■	■	■	■	□	□	□	□	□	□	□	□	□
2.2	M7 - Pattern	front side	■	■	■	■	■			■	□	□	□	□	□	□	□	□	□
2.3	M7 - Pattern	back side	□	□	□	□				■	□	□	□	□	□	□	□	□	□

3.0 SLIDER

3.1	M2 - Polymer Slider		■			□				■	□	□	□	□	□	□	□	□	□
3.2	M2 - Metal Slider		□	■	■		■												
3.3	M2 - Metal Slider	Lock-System				■	■	■											

■ Standard □ Option

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CONFIGURATION



4.0 PULLER (I)

4.1	M3 - Puller 35M	35 mm		■	■	■	□	■	■	■	□	□	□	□	□	□	□	□	□
4.2	M3 - Puller 25M	25 mm		□	□	□	■	■	□	■	□	□	□	□	□	□	□	□	□
4.3	M3 - Puller 35C	35 mm		□						■	□	□	□	□	□	□	□	□	□
4.4	M3 - Puller 25C	25 mm		□						■	□	□	□	□	□	□	□	□	□




■ Standard □ Option

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CONFIGURATION



4.0 PULLER (2)

4.5	M3 - Puller 35W *	35 mm		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
4.6	M3 - Puller 10W *	10 mm		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
4.7	M3 - Puller 35WS **	Lock-System		<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"/>
4.8	Puller Customized Logo **			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

* only with 3.2

** only with 1.5

** only with 4.1

☒ Standard ☐ Option

MASTERSEAL 10

CONFIGURATION



5.0 OPTIONS

5.1	Q-Strap	at docking end		<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"/>
5.2	Q-Strap	at end stop		<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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