

SUPERSEAL

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PREMIUM WATERPROOF ZIPPERS MADE IN GERMANY



waterproof



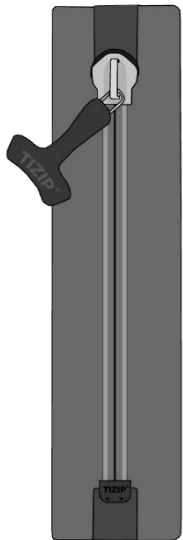
airtight



pressure tested

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VERSIONS

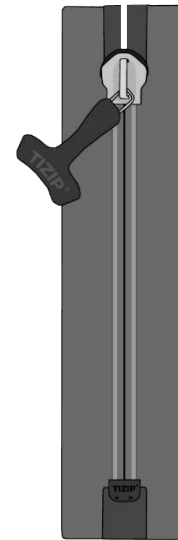


SuperSeal
HE

1 slider



both sides closed



SuperSeal
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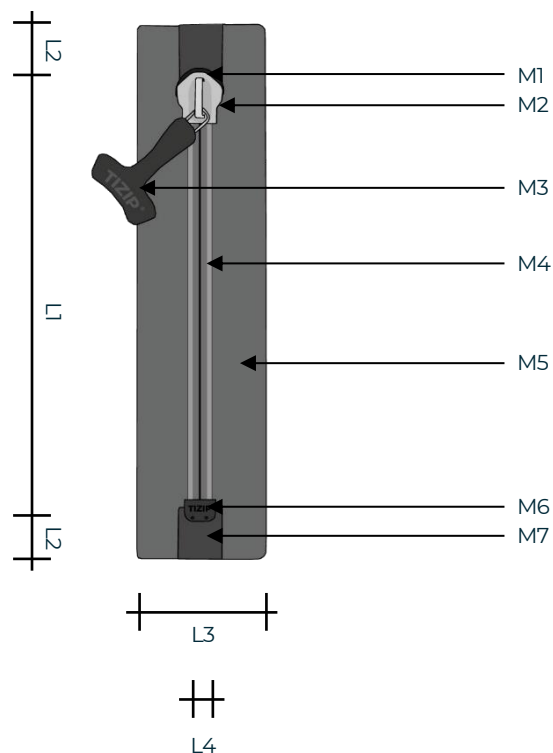
1 slider



one side open

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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:	11 mm

Material*

■ M1	Docking End:	Thermoplastic Polyurethane
■ M2	Slider:	Metal
■ M3	Puller:	Polyurethane
■ M4	Chain:	Polyester Monofilament
■ M5	Tape:	Polyurethan coated Polyester
■ M6	End Stop:	Thermoplastic Polyurethan
■ M7	Pattern:	Polyurethan coated Polyester

Parameter*

■ ☔	Sealing strength:	700 mbar (IPX8)
■ ↔	Cross tension:	300 N/cm
■ 🌡	Temperatur:	-30° to +70° C

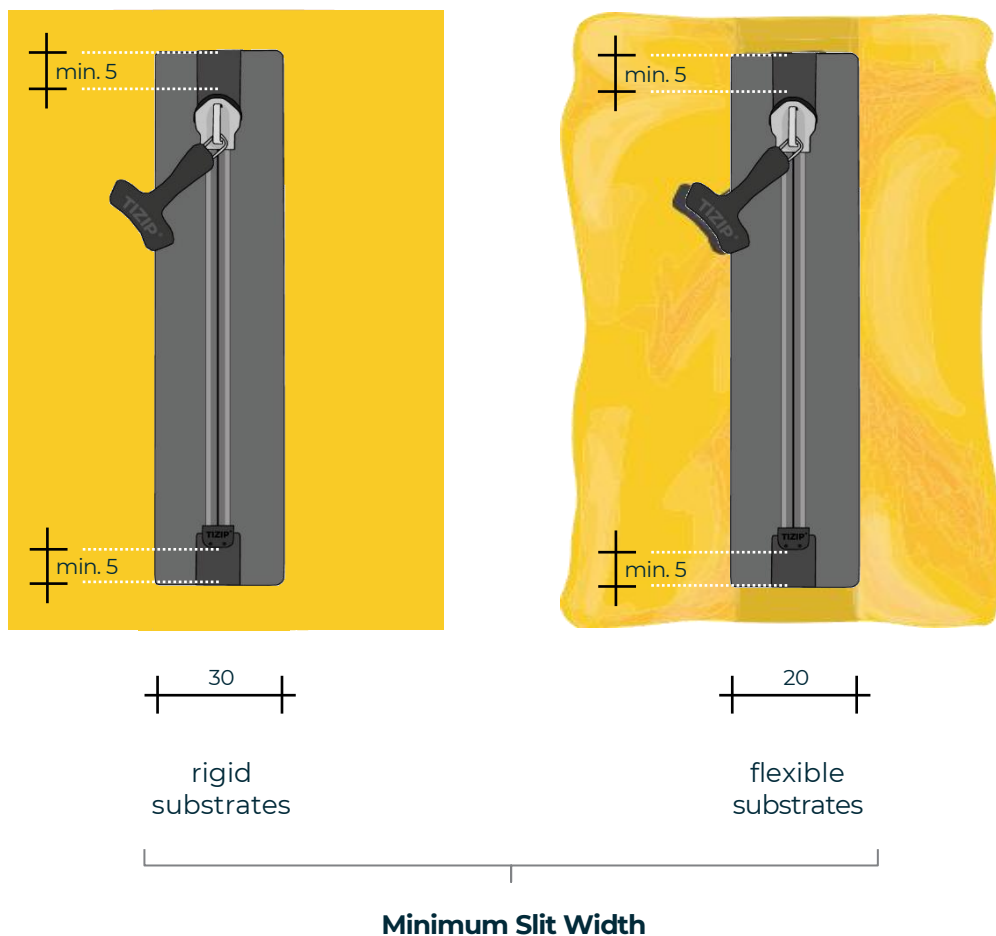
Installation*

HF welding, sewing + taping, gluing

* configuration-dependent target values, Lubrication necessary

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APPLICATIONS / DURABILITY / INSTALLATION



Applications

- Diving Suits
 - Inflatable objects
 - Protective & survival
 - Shoes
 - Tents, covers
 - Backpacks, duffel bags, cooler bags
 - Other
- Water Sports
- Clothing
- Outdoor

Durability

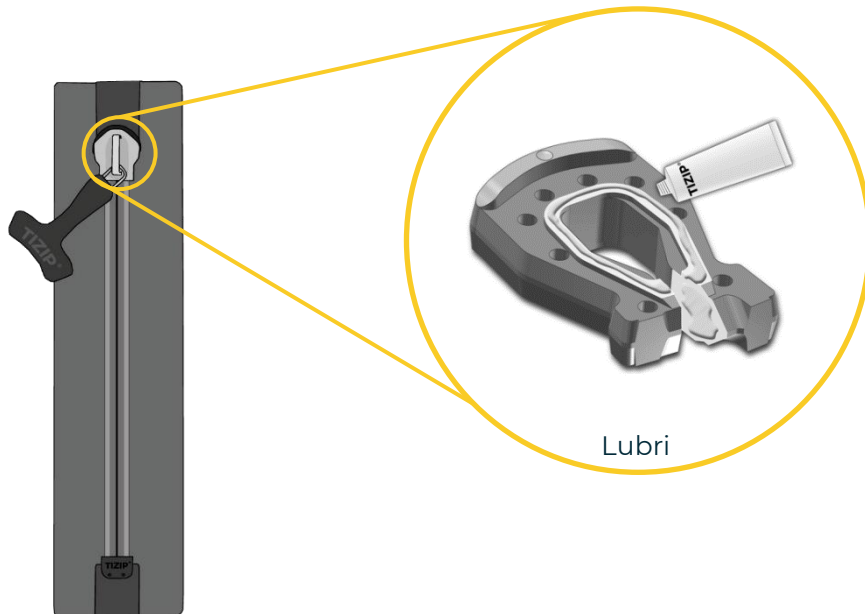
- Weather-resistant
- Suitable for both freshwater and saltwater applications
- Oil and gasoline-resistant

Installation

- A minimum slit width of 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



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.

Lubrication

- SuperSeal zippers need to be lubricated.
- 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 use grease along the zipper chain.
- Remove remaining lubricating grease to avoid stains.
- Use the original TIZIP® lubricating grease.

Storage

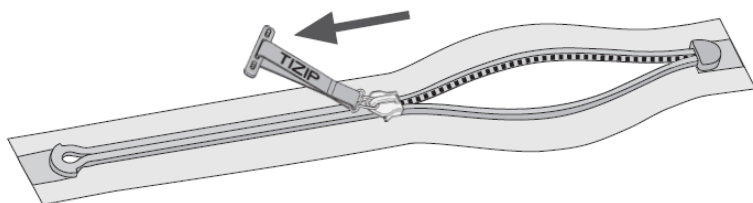
- TIZIP® zippers should be stored completely closed, dry, clean and without bending.

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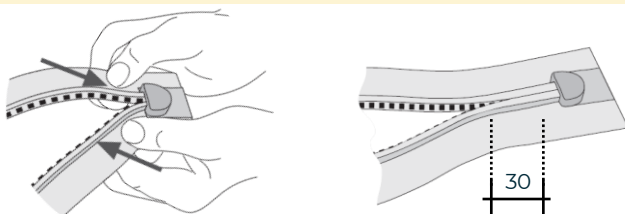
REPAIR MANUAL OVER-STRESSING



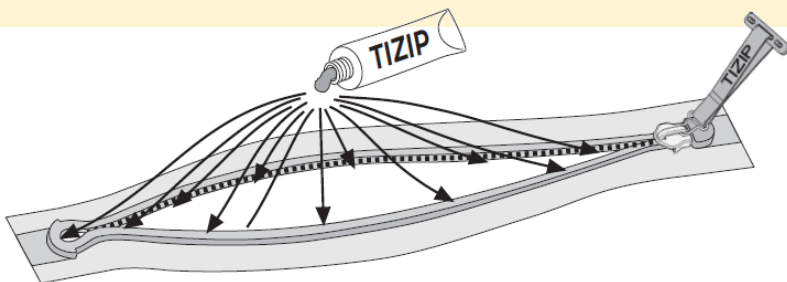
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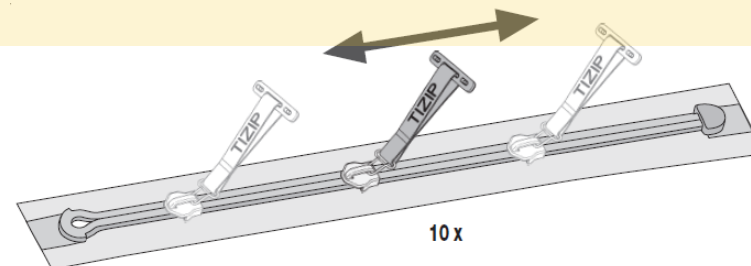
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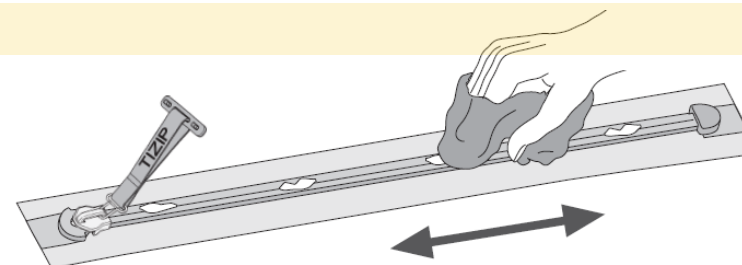
3



4



5



OVER-STRESSING

- If there is an overload during closing, it can happen that the chain remains open, but is not damaged.
- To repair, simply pull the slider back and close the zipper again with less lateral tension.
- If the chain is open up to the lower slider stop, the lower 3 cm must first be engaged by hand.
- Then slide the slider back into the restored area.

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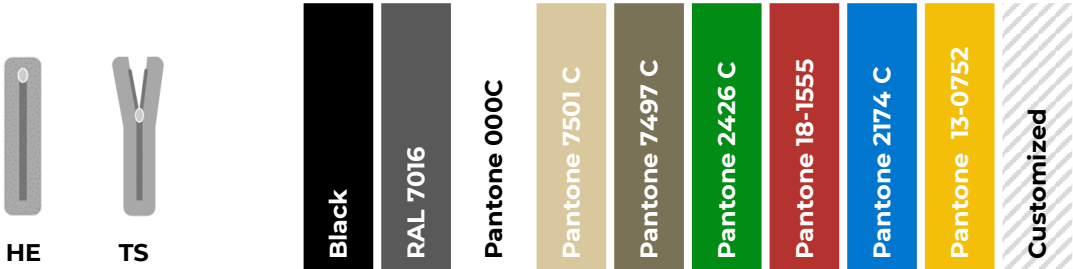
1.0 GEOMETRY

1.1	L1 - Length	200 – 10.000 mm	other lengths on request	
1.2	L2 - Overhang	25 / 25 mm	■	■
1.3	L2 - Overhang	16 / 16 mm	□	□
1.4	L3 - Width	50 mm	□	□
1.5	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	☒	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

3.0 SLIDER

3.1	M2 - Metal Slider		☒	☒
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☒ Standard ☐ Option

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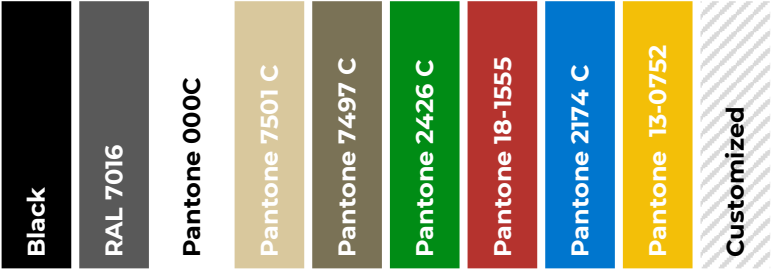
CONFIGURATION



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4.0 PULLER

4.1	M3 - Puller 35M	35 mm		☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐
4.2	M3 - Puller 35C	35 mm		☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐
4.3	M3 - Puller 70W	70 mm		☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
4.4	M3 - Puller 35W	35 mm		☒	☒	☒									
4.5	M3 - Puller 10W	10 mm		☐	☐	☒									
4.6	Puller Customized logo	only with 4.1		☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

☒ Standard
 ☐ Option

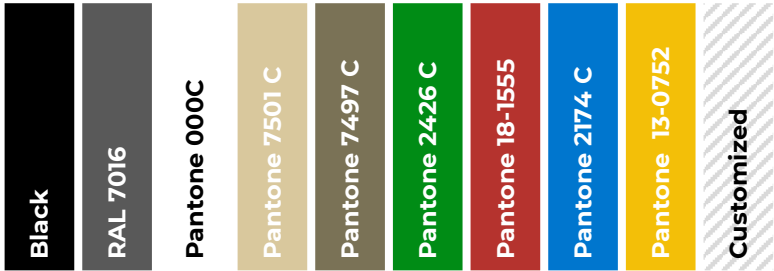
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CONFIGURATION



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5.0 OPTIONS

5.1	Hydrolysis Protection	at tape and pattern	☐	☐
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■ Standard □ Option

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