

USER'S MANUAL



CHENGDU
MICRO RAFTING SYSTEM
TRADE CO., LTD

Main valve

Grab loops

Hull bottom

Joint strip

Hull

Grab loop type DX

Seat buckles

Seat

Backrest

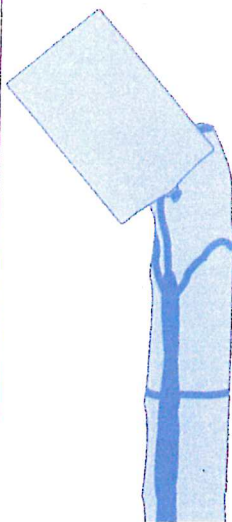
Display model: Nomad S1

INFLATION

1. STEP ONE

Connecting inflation bag

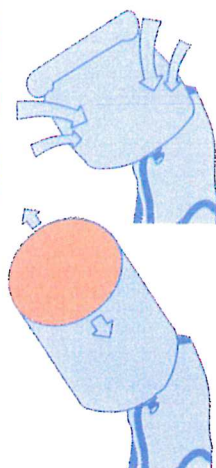
Remove the main valve on the boat and the inflation bag can be inserted into the main valve.



2. STEP TWO

Inflating with an inflation bag

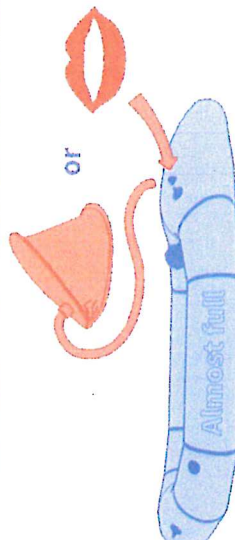
Open the inflation bag to fill it with air, then close the inflation bag and press the air into the hull. Repeat the above steps to quickly inflate.



3. STEP THREE

Inflating with mouth

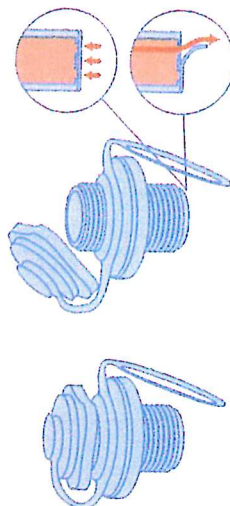
When the hull is about 80% inflated, remove the inflation bag, quickly close the main valve, open the one-way air inlet at the top of the valve, and fill the air with the mouth.



It is recommended to use an inflation bag to inflate, usually 6 times to charge the boat to 90%, plus use the mouth to fill the air, it takes less than 2 minutes, light and efficient. We recommend first inflating the seat cushion, backrest and spray skirt, then to inflate the main hull.

Main valve

The special blocking system allows the airflow to be inaccessible, and in the end, the inflation of the mouth can effectively maintain the internal air pressure.



INSTALL / ADJUST THE BACKREST

1. STEP ONE

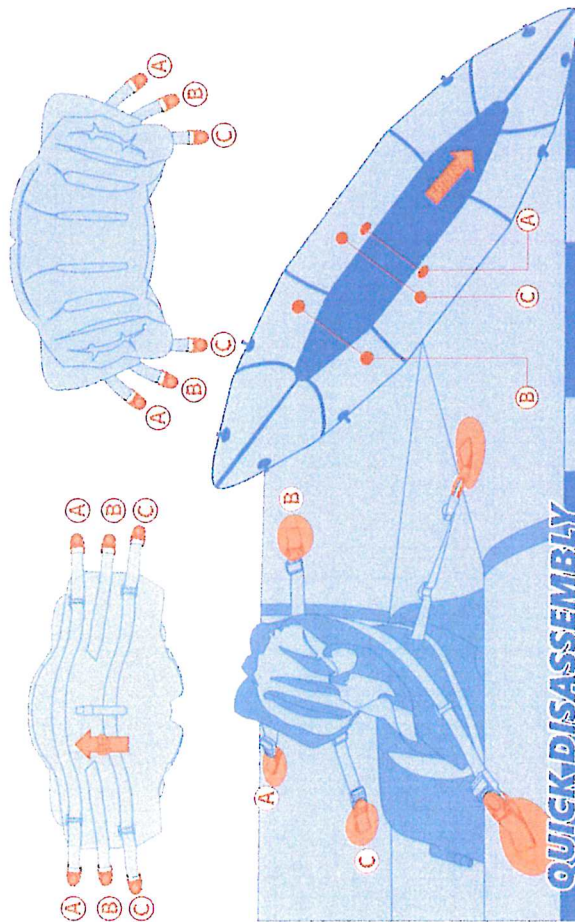
Make sure the backrest is up (the main valve is facing up).

2. STEP TWO

Connect A and B and adjust the length of the webbing to fit. The AB is the main point of force, so be sure to tighten.

3. STEP THREE

Then connect C and adjust the backrest so that it stands on the seat cushion.



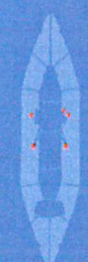
QUICK DISASSEMBLY

Quick release backrest (Only middle/front)



Easy insertion can be connected

Hold the middle button and pull it out.



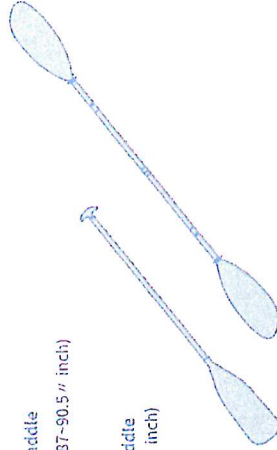
RECOMMENDED LENGTH OF PADDLE

Double blade paddle

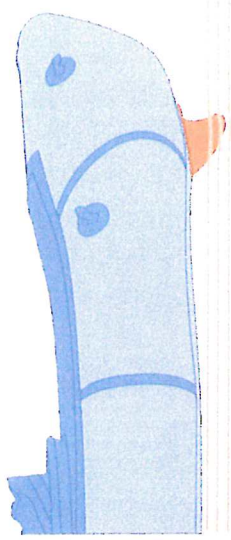
220-230 cm (87-90.5" inch)

Single blade paddle

137 cm (54" inch)



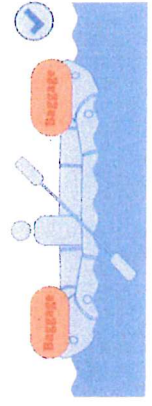
SKEG FIN USE METHOD



When using the boat skag, it increases the possibility of bottoming in shallow water, causing some trouble. But the advantages of using the boat fins are also significant and worth trying. It can reduce the swing of the ship, concentrate the propulsion energy for advancement, and reduce the extra paddle action to make repeated correction directions, making the paddle easy.

If you consider adding the ship's fins in the later stage, the installation position should be as far as possible from the stern of the paddler to eat deeper, so as to achieve better stability.

BALANCE THE PACKRAFT



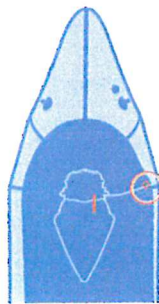
When loading heavy objects, be sure to pay attention to the front and rear load balance of the hull. When the hull posture is unbalanced, the forward resistance increases, and the stability and the tracking property deteriorate.

When using in white water, this phenomenon will be amplified and you need to pay attention!

EMERGENCY PULL-OUT HANDLE

The spray deck is made of 70d ripstop nylon tpu coating, very thin and light, do not grab or sit on the spray deck!

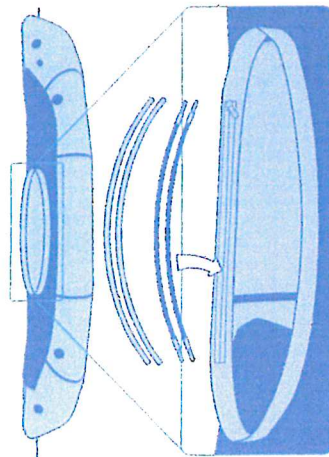
The spray deck has an emergency pull-out handle near the left hand for escape after boarding.
The spray deck must be stored in a dry environment, otherwise it will lose the smoothness and even the tpu coating peeling off, which is a permanent damage that cannot be remedied!



EMERGENCY PULL-OUT HANDLE

INSTALL SPRAY DECK

There is a zipper on the packraft with Spray deck. After pulling it, you can put the aluminum tube bracket to support the skeleton of the Spray deck.

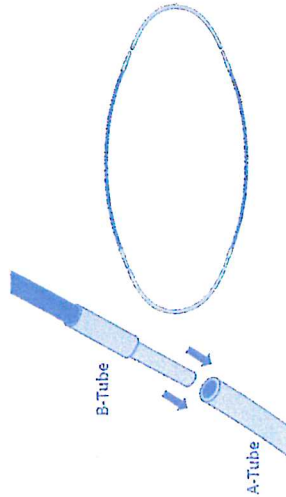


1.STEP ONE

Open zipper

2.STEP TWO

The A tube is placed in the sleeve at the front and rear ends, and the B tube is placed on the left and right sides and the top is connected to the inside of the A tube to support a circular shape.



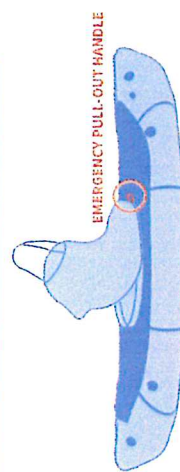
3.STEP THREE

Close zipper



4.STEP FOUR

After installing the aluminum tube frame, use the elastic coil at the bottom of A to enclose the aluminum tube frame. A simple step is required and A is installed.



! The red escape handle must be left outside!

this phenomenon
ed to pay attention!

LIST OF DEALERS AROUND THE WORLD

Germany

Web: www.packrafting-store.de
TEL: +49(0)941-39781264
Email: info@packrafting-store.de
Addr: Anfibio Packrafting Store Körnerplatz 3d
04107 Leipzig, Germany

Sweden

Web: <https://packraft-sverige.se/>
TEL: +46(0)76 118 47 01
Email: info@packraft-sverige.se
Addr: Packraft Sverige Körnawägen 4
58663 Linköping, Sweden

New Zealand

Web: furtherfaster.co.nz
TEL: 0277721170
Email: daniel@furtherfaster.co.nz
Addr: 57 A Buchan St, Sydenham,
Christchurch 8023, New Zealand

Japan

Web: www.packrafting.biz
TEL: 06-6395-7761
Email: mrs.packraft.jp@gmail.com
Addr: 1-1-26 HIMESATO, NISHI-YODOGAWA-KU,
OSAKA, JAPAN

Australia

Web: www.packraft.com.au
TEL: +61 0436 130 135
Email: sales@packraft.com.au
Addr: Clifton Springs VIC 3222, Australia

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Web: <https://packraftnorge.no/>
TEL: 0047 483 85 523
Email: post@packraftnorge.no
Addr: Packraft Norge AS, Iver Hesselbergsvel 3,
3260, Larvik, Nor

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Web: www.melomo.fi
TEL: +358 40 168 4550
Email: info@melomo.fi
Addr: Melomo Oy Alppitie 12
00530 Oulu, Finland

Chile

Web: www.packraft.cl
TEL: +569 88200521
Email: packraft.cl@gmail.com
Addr: Matutana 557, Santiago, Chile.

Korea

Web: <https://cafe.naver.com/microcrafting>
TEL: 82-10-7676-6007
Email: gonlapictures@gmail.com

Czech Republic

Web: www.kajakshop.cz
TEL: +420 603 003 461
Email: shop@kajakshop.cz
Addr: KajakShop.cz,
Masarykova 885, 25263 Roztoky, Czech

MRS instruction manual 2020

Addr: NO. 138, WU XING STREET, DA MIAN TOWN, LONG QUAN YI, CHENG DU, SI CHUAN, CHINA

E-mail: info@microcrafting.com

<http://www.microcrafting.com>

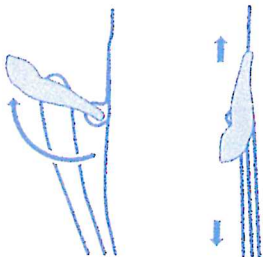
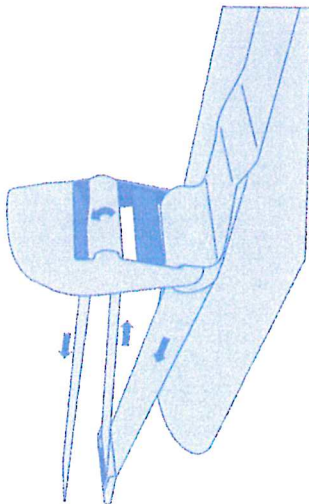
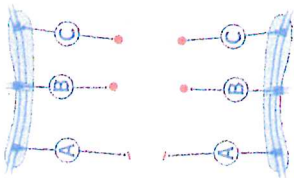
INSTALL THIGH STRAPS

The role of the thigh strap is to enhance the paddler's ability to control the hull in the waves.

1. STEP ONE

Connecting grab loop

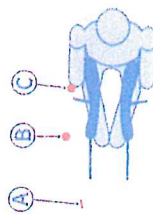
Connect A and C to the hull (as shown in the following figure), adjust the AC first, then connect B. A is a large one, C is a small one.



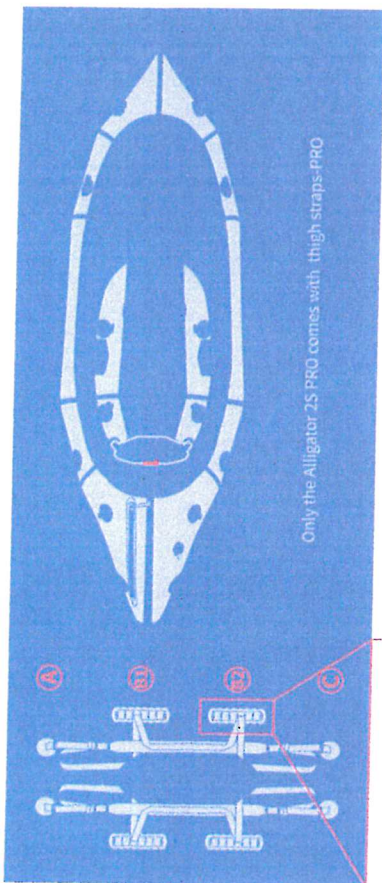
2. STEP TWO

Fix leg position

The paddler sits in the boat, adjusts the body to a comfortable and natural posture, bends the knees, and raises the calf slightly. At the same time, adjust the length of the leg belts A and C, so that the thigh strap can hold the knees and the knees force inward. The force can be transmitted to the hull through the thigh straps, and then the length of the B-leg strap can be adjusted to increase the effect on the hull control. Lifting method: Straighten your knees and quickly release the traction of the thigh straps.

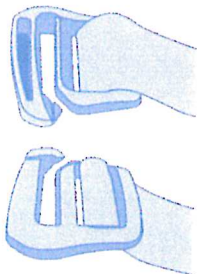


INSTALL THIGH STRAPS-PRO

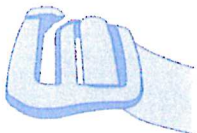


Only the Alligator 2S PRO comes with thigh straps-PRO

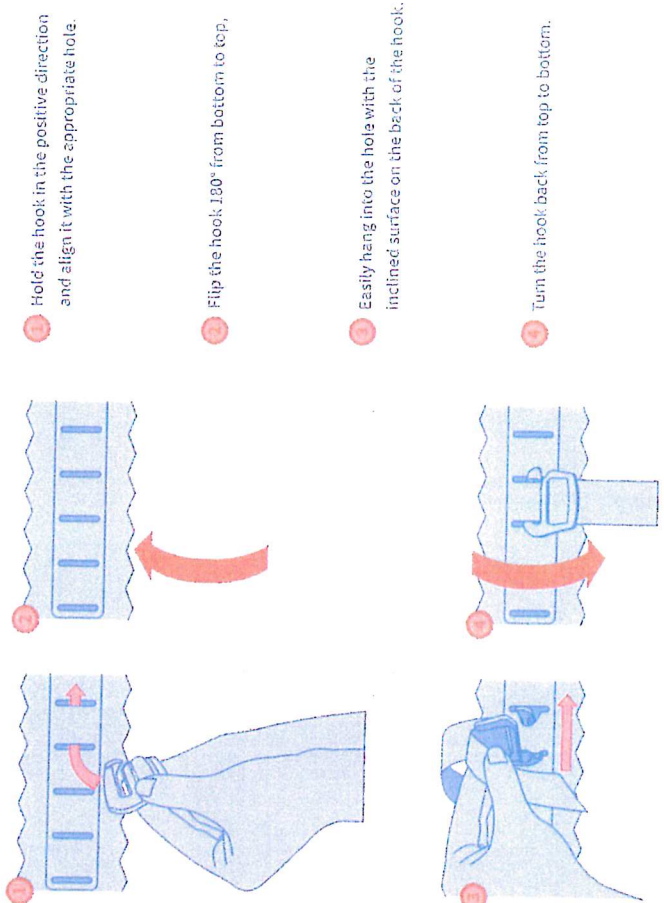
REVERSE SIDE



FACADE



The professional version of the thigh strap makes it easier and more accurate to adjust the knee position, and it delivers control more directly. The connection points B1 and B2 each have 6 holes, which can be selected for the knee position.





STORE AFTER DRYING



PREVENT INSULATION



NO WATER INLET



OPTIMUM AIR
PRESSURE 1PSI (6.9kpa)

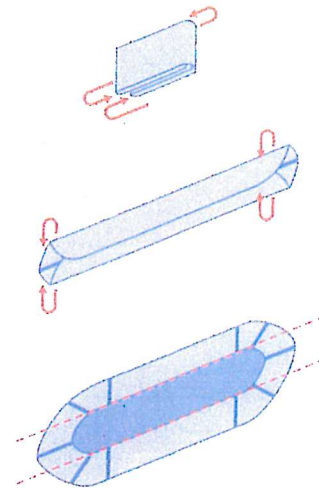
Near the left side of the spray skirt in front of the W-type spraydeck, there is an emergency release handle, which is used to escape after turning over. **Please leave the emergency release handle outside!**

The seat and backrest are made of TPU nylon mesh. It is necessary to pay attention to the sun exposure. Transitional expansion will damage its welding.

Spray skirt must be stored in dry environment, otherwise it will lose the surface gloss, and even the TPU layer will fall off, which can not be remedied.

After rowing on the water, it is found that the hull is somewhat soft. This is not a leak, but a cold contraction of the gas in the boat when the hull touches the boat. At this time, you need to fill the air with your mouth.

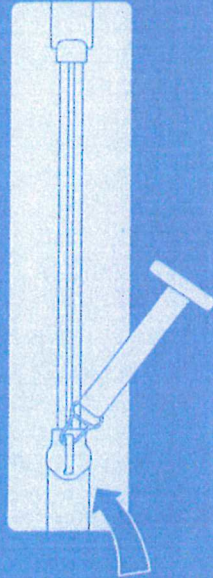
QUICK FOLDING



We recommend this folding method as it will fold the packraft into a smaller size, and it is good for hull maintenance. First, the left and right sides should be folded vertically, and then be wrapped up laterally.

TIZIP®

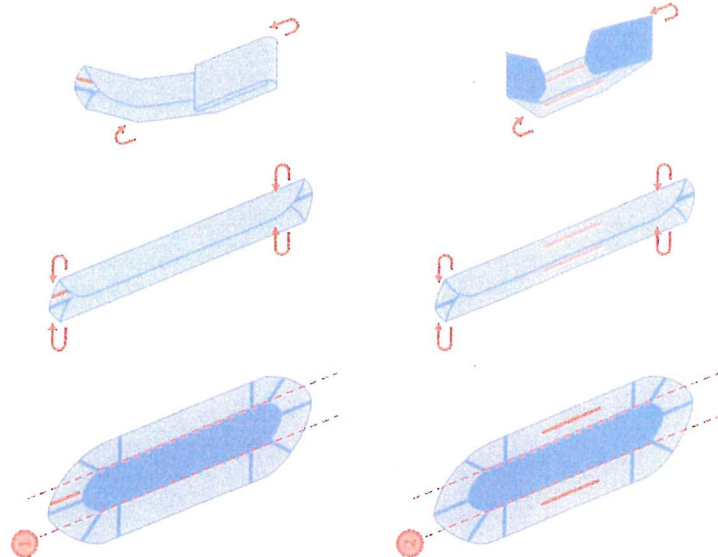
MRS's zipper systems feature top-of-the-line TIZIP zippers. Rubber head, long-term storage, please bring silicone



The TIZIP SuperSeal is tested with 700 mbar air pressure, applied to the front surface including the end stops. The slider engages positively into the docking end. **Heavy bending may cause leakage. Please try to avoid!**

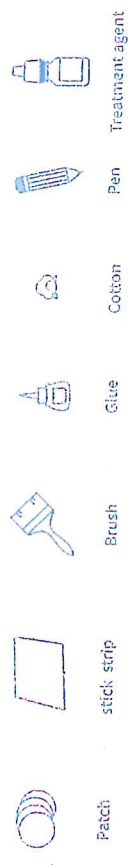
Tightness

There are two options for the liftS custom ISS. One is the zipper at the bow/tail, and the other is in the middle of the tube. Please pay attention not to fold the zipper and airtight zipper position. Please do not curve the zipper in a large angle.

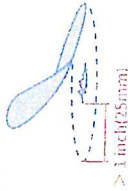


SIMPLE REPAIR

It has temperature and humidity requirements to get good quality in the bonding (about 20-30 °C, 40%-70% relative humidity). A sunny day, not a direct sun and shelter from the wind is a good choice.

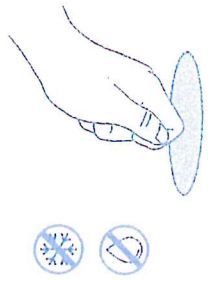


- 1 Prepare materials: patches, glues, curing agents, treatment agent, mark pens, cotton, stick strips, brushes, rubber gloves.
- 2 Select the patch according to the size of the breach. Use the scissors to trim the patch the if damaged mouth is irregular. The edge of the patch should be 1 inch (25mm).



- 3 Put the patch to the position to be glued, draw the edge line with a pen, make it clear that the glue hit with water and dry it area is visible, and then cover the area adjacent to the boundary outside the glue area with the rubber strip.
- 4 Clean and dry the damaged hull.

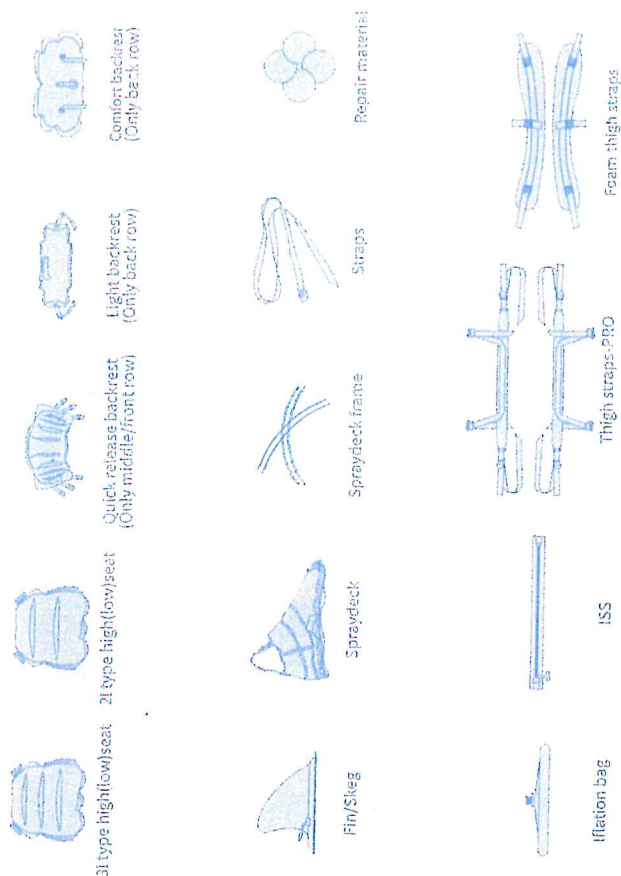
- 5 Draw the treatment solvent with cotton, then squeeze the cotton, pay attention to the treatment solvent. It will leave traces. If it drops to the hull. Wipe the rubberized area of the hull and patch with cotton. (If you have used the quick repair strip to repair and leave the residual glue, you need to use the cotton)
- 6 After the treatment agent is allowed to dry for 1-5 minutes, check whether there is moisture in the glued area. If yes, continues to dry. (this usually means that the air humidity is too high or the temperature is too cold, it is the time for bonding) If there is no moisture, you can apply glue to the hull and patch area. The glue coating should be uniform and thin, and it is best to apply the glue twice. (A single glue application usually shows a slight air leak).
- 7 Test the rubber surface with the knuckle again after a few minutes. If the rubber surface is in good condition, it can be applied. After aligning, press down on the middle area and gradually compact it around. Best to scrape with a tool.



- 8 If it is outdoors, it is not sticky due to environmental reasons. It can be baked to 40-50 degrees and compacted again. It will reach 50% strength after 1 hour of repair and 90% strength after 24 hours.

For more details and more tutorials, video, please visit the MPS official YouTube channel, welcome to subscribe to us.

ACCESSORIES



MODEL	Seat cushion	Backrest	Spray deck (Detachable)	Thigh straps	Repair material	Inflation bag	Straps	Spraydeck frame	ISS
Tulo	3i type	Light	×	×	×	×	×	×	×
Ponto	3i type	Light	×	×	×	×	×	×	×
Microraft	3i type	Light	✓	×	×	×	×	×	×
Microraft Extra Long	3i type	Light	✓	×	×	×	×	×	×
Alligator 2S	3i type	Comfort	✓	✓	×	×	×	×	×
Alligator 2S PRO	3i type	Comfort	✓	✓	×	×	×	×	×
Nomad S1	2i type	Quick release	×	×	×	×	×	×	×
Nomad S1 D	2i type	Quick release	✓	×	×	×	×	×	×
Adventure X2	2i type * 2	Light & Quick release	×	×	×	×	×	×	×
Barracuda R2	2i type * 2	Comfort & Quick release	×	×	×	×	×	×	×
Barracuda R2 PRO	2i type * 2	Comfort & Quick release	✓	✓	×	×	×	×	×