TURTLE BRACE

WRIST

TURTLEBRACE.CO

CHARACTERISTICS

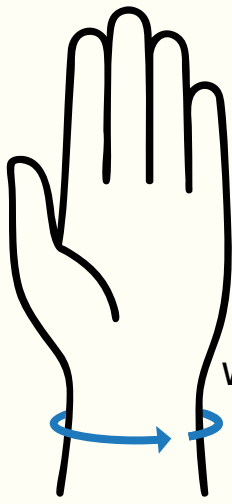
- Direct molding on the limb
- Antibacterial fabric
- Ambidextrous
- Available with Velcro or Zipper closure
- Radiolucent
- Submersible and auto-draining
- Remoldable
- 3.2mm thickness that allows normal dressing
- Compostable eco-friendly plastic

MEASUREMENT INSTRUCTIONS

Using a tape measure, measure the wrist circumference as shown on the diagram.

Select the brace that has the closest mid-range to your measured wrist circumference.

See next page for charts.



Wrist Circumference

TURTLE BRACE

MODELS (CM)

BABY	MID-RANGE	VELCRO	ZIPPER
Small (5.5cm - 8.8cm)	7.15cm	TBBPV-01	N/A
Medium (6.5cm – 10.4cm)	8.45cm	TBBPV-02	N/A
Large (7.6cm – 12.2cm)	9.9cm	TBBPV-03	N/A

PEDIATRIC	MID-RANGE	VELCRO	ZIPPER
Small (9cm - 14.4cm)	11.7cm	TBPPV-01	TBPPZ-01
Medium (10.4cm – 16.6cm)	13.5cm	TBPPV-02	TBPPZ-02
Large (12.8cm – 20.5cm)	16.65cm	TBPPV-03	TBPPZ-03

ADULT	MID-RANGE	VELCRO	ZIPPER
Small (15.2cm - 24.3cm)	19.75cm	TBPAV-01	TBPAZ-01
Medium (17.6cm – 28.2cm)	22.9cm	TBPAV-02	TBPAZ-02
Large (20cm – 32cm)	26cm	TBPAV-03	TBPAZ-03

MODELS (IN)

BABY	MID-RANGE	VELCRO	ZIPPER
Small ($2^{3/16}$in - $3^{7/16}$in)	$2^{13/16}$in	TBBPV-01	N/A
Medium ($2^{9/16}$in – $4^{1/8}$in)	$3^{5/16}$in	TBBPV-02	N/A
Large (3in – $4^{13/16}$in)	$3^{7/8}$in	TBBPV-03	N/A

PEDIATRIC	MID-RANGE	VELCRO	ZIPPER
Small ($3^{9/16}$in - $5^{11/16}$in)	$4^{5/8}$in	TBPPV-01	TBPPZ-01
Medium ($4^{3/32}$in – $6^{9/16}$in)	$5^{5/16}$in	TBPPV-02	TBPPZ-02
Large ($5^{1/16}$in – $8^{1/16}$in)	$6^{9/16}$in	TBPPV-03	TBPPZ-03

ADULT	MID-RANGE	VELCRO	ZIPPER
Small (6in - $9^{9/16}$in)	$7^{13/16}$in	TBPAV-01	TBPAZ-01
Medium ($6^{15/16}$in – $11^{1/8}$in)	9in	TBPAV-02	TBPAZ-02
Large ($7^{7/8}$in – $12^{5/8}$in)	$10^{1/4}$in	TBPAV-03	TBPAZ-03

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TURTLE BRACE

WRIST

MOLDING INSTRUCTIONS

The brace is a single patient remoldable brace that can be remolded more than 250 times. Before remolding the brace, make sure there are no visible signs of damage that could affect the function and efficacy of the brace.

#1 Heat the brace between 67°C and 108 °C (152 °F and 225 °F) until it becomes soft and elastic. The plastic must feel doughy when pinched between two fingers.

#2 Once the brace has become soft and elastic, you can drape the brace on the body. Make sure that the temperature of the brace is not too hot for comfort or at risk of burning your patient. Small padding, about 3 mm (1/8"), can be placed at the bony apex and removed after the molding.

#3 Place your patient in the desired position and wait for the brace to harden. To avoid rippling of the zipper, keep a tension on the top end of the zipper, or on both ends.

DRY HEAT METHOD

Put the brace in either the Turtlebrace heating bag, a regular or convection oven. If you use a regular or convection oven, pre-heat them to 102 °C (215 °F) before heating the brace.

HOT WATER METHOD

Place the brace in a hydrocollator or a hot-water heating pan, between 67°C and 100°C (152°F and 212°F). If you use a hot-water pan, make sure that the brace doesn't touch the bottom because the bottom temperature can exceed 108 °C (225 °F).

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TURTLE BRACE

WRIST

RECOMMENDATIONS/PRECAUTIONS

- Turtlebrace orthotics intended uses are for trauma cases or re-adaptation protocols where immobilization of a specific part of the body is needed.
- Molding should be done only by a health professional, or somebody trained in bracing, casting, or similar medical devices.
- This is a single patient use, it cannot be transferred, even if it had been washed thoroughly.
- Do not use a heat gun as it may burn the brace.
- Do not drape the brace if it is too hot to avoid skin burns or discomfort.
- It is recommended to check the blood circulation often. If the brace becomes too tight, advise the client to unzip, loosen, or remove if possible, the brace and call their health professional.
- It is recommended to check the skin often. If the skin shows signs of maceration, irritation (redness), rashes, or other skin problems, advise the client to remove the brace (if possible) and immediately call their health professional.
- Do not heat the brace over 108°C (225°F), because the fabric or/and the zipper could burn or melt.
- Any serious incident that has occured in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

DISPOSAL

Turtlebrace can be disposed of with regular waste. There is no specific disposal recommondation.

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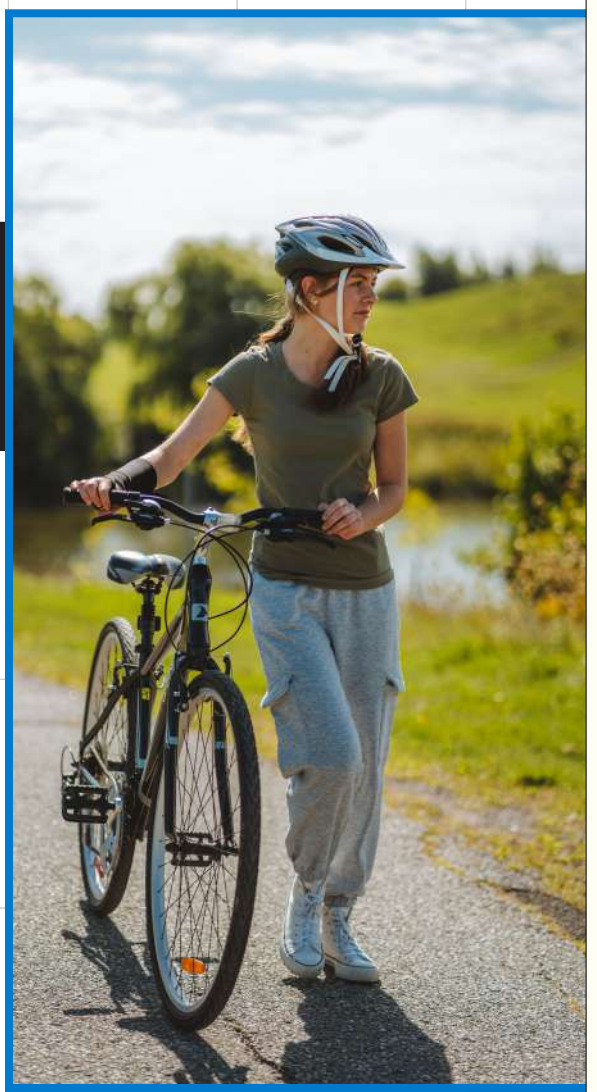
TURTLE BRACE

FINGER ADD-ON



TURTLEBRACE.CO

CHARACTERISTICS

- Universal size
- Direct molding on the fingers
- Auto sticking and permanent fusion to the wrist brace
- Can be cut to fit your needs
- Antibacterial fabric
- Radiolucent
- Submersible and auto-draining
- Remoldable
- 3.2 mm thickness
- Compostable eco-friendly plastic

MODELS

UNIVERSAL (CM)	
Finger (13W-15L)	EDUA

FINGER ADD-ON

TURTLE BRACE

MOLDING INSTRUCTIONS

#1 Remove the velcro strip. Make sure that your patient is wearing their previously molded dry wrist brace.

#2 Heat the add-on (DRY HEAT) between 67℃ and 108 ℃ (152 °F and 225 °F) until it becomes soft and elastic. The plastic must fill doughy when pinched between two fingers.

Dry Heat Method

Put the add-on in either the Turtle-brace heating bag, a regular or convection oven. If you use a regular or convection oven, pre-heat them to 102 ℃ (215 °F) before heating the add-on.

DO NOT use water or water vapour to heat the piece. Moisture will affect the fusion to the brace.

#3 Once the add-on has become soft and elastic, you can drape the add-on over the fingers. Make sure that the temperature of the brace is not too hot for comfort or at risk of burning your patient. The bare plastic can feel hotter than the rest, be careful not to burn your patient.

#5 When your client's fingers are in the desired position, wait for the add-on to harden.

#4 You can place the add-on according to the need :

- **Boxer Fracture**
  - Slide the add-on in between the 3rd and 4th fingers.
  - Press the bare plastic on the dry wrist brace to fuse the add-on to the brace.
  - Stretch to add-on to cover the 4th and 5th fingers.
  - Cut the excess material and place the fingers in the proper position.
- **Ulnar Fracture**
  - Slide the add-on in between the 3rd and 4th fingers.
  - Press the bare plastic on the dry wrist brace to fuse the add-on to the brace.
  - Stretch the add-on to cover the 2nd and 3rd fingers.
  - Cut the excess material and place the fingers in the proper position.
- **Palmar Support**
  - Press a corner of bare plastic to one side of the dry wrist brace.
  - Stretch the add-on to cover the sides and the bottom of all fingers.
  - Press the bare plastic on the dry brace, to fuse the add-on to the brace.
  - Cut the excess material and place the fingers in the proper position.

Dorsal Support

- Press a corner of the bare plastic to one side of the dry wrist brace.
- Stretch the add on to cover the top of all fingers.
- Press the bare plastic on the dry wrist brace to fuse the add-on to the brace.
- Cut the excess material and place the fingers in the proper position.

FINGER ADD-ON

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- This is a single patient use, it cannot be transferred, even if it had been washed thoroughly.
- The bare plastic becomes sticky when ready. Be careful not to stick it to surrounding elements or itself.
- Moisture will affect the fusion efficiency. Make sure the surfaces, that are going to be fused together are dry and clean.
- Do not use a heat gun as it may burn the brace.
- Do not drape the add-on if it is too hot to avoid skin burns or discomfort.
- It is recommended to check the blood circulation often. If the brace becomes too tight, advise the client to loosen (or remove if possible) the brace and call their health professional.
- It is recommended to check the skin often. If the show signs of maceration, irritation (redness), rashes, or other skin problem, advise the client to remove the brace (if possible) and immediately call their health professional.
- Do not heat the add-on over 108°C (225°F), because the fabric could burn or melt.
- Any serious incident that has occured in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

DISPOSAL

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TURTLE BRACE

THUMB ADD-ON

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CHARACTERISTICS

- Universal size
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- Auto sticking and permanent fusion to the wrist brace
- Can be cut to fit your needs
- Antibacterial fabric
- Radiolucent
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- Remoldable
- 3.2 mm thickness
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MODELS

UNIVERSAL	
Thumb	EPUA

TURTLE BRACE

THUMB ADD-ON

MOLDING INSTRUCTIONS

#1 Remove the velcro strip. Make sure that your patient is wearing their previously molded dry wrist brace.

#2 Heat the add-on (DRY HEAT) between 67°C and 108 °C (152 °F and 225 °F) until it becomes soft and elastic. The plastic must fill doughy when pinched between two fingers.

Dry Heat Method

Put the add-on in either the Turtle-brace heating bag, a regular or convection oven. If you use a regular or convection oven, pre-heat them to 102 °C (215 °F) before heating the add-on.

DO NOT use water or water vapour to heat the piece. Moisture will affect the fusion to the brace.

#3 Once the add-on has become soft and elastic, you can drape the add-on over the fingers. Make sure that the temperature of the brace is not too hot for comfort or at risk of burning your patient. The bare plastic can feel hotter than the rest, be careful not to burn your patient.

#4 Wrap the add-on around the thumb.

- Fold the add-on in two with the bare plastic facing outward.
- Starting at the web of the thumb. Press the bare plastic on the dry brace, to fuse the add-on to the brace.
- Stretch the add-on to cover the thumb, finishing at the dorsal part of the thumb.

#5

- Cut the excess material, maintain the two borders together with the Velco strip and place the thumb in the proper position.
- When the patient's thumb is in the desired position, wait for the add-on to harden.

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- It is recommended to check the skin often. If the show signs of maceration, irritation (redness), rashes, or other skin problem, advise the client to remove the brace (if possible) and immediately call their health professional.
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