

# SOT Resting Splint

SOT (Smart Orthotic Treatment) is a resting splint for the spastic and paretic hand, when the goal is to maintain or increase the mobility of the hand. The orthosis is smooth and lightweight. The S.O.T has an aluminium core which allows adjustment to the desired position. The aluminium core is embedded into polyethylene foam, which is covered with fabric. The brace is delivered in a resting position. A resting position can offer pain relief, relaxation to the hand, and it also provides a good biomechanical position that may reduce the risk of flexor shortening of the wrist and fingers. The orthosis anatomic configuration supports the important thenar muscle, the CMC- and MCP joint, which is particularly important for the intended patient groups, when the thumb tends to adduct in the CMC joint and hyperextend in the MCP joint. S.O.T Resting splint increases the conditions for an effective grip.

## Recommended Range Of Application

Stroke, CP, rheumatoid arthritis, radialis paresis, muscular dystrophy, edema or plexus injury.

## Measurements

Measurement text 1: MCP Width

Measurement text 2: Length from wrist to end of finger



| Item No.  | Model                  | Size              | L/R       | Color | Measurement 1 | Measurement 2 |
|-----------|------------------------|-------------------|-----------|-------|---------------|---------------|
| 287101008 | SOT Resting Splint     | XXX-Small         | Left      | Black | 5,5 cm        | ≤ 12 cm       |
| 287101009 | SOT Resting Splint     | XX-Small          | Left      | Black | ≤ 6,5 cm      | ≤ 14 cm       |
| 287101010 | SOT Resting Splint     | X-Small           | Left      | Black | ≤ 7,5 cm      | ≤ 16 cm       |
| 287101011 | SOT Resting Splint     | Small             | Left      | Black | ≤ 7,5 cm      | ≤ 18,5 cm     |
| 287101012 | SOT Resting Splint     | Medium            | Left      | Black | ≤ 8,5 cm      | ≤ 20 cm       |
| 287101013 | SOT Resting Splint     | Large             | Left      | Black | ≤ 9 cm        | ≤ 21 cm       |
| 287102008 | SOT Resting Splint     | XXX-Small         | Right     | Black | 5,5 cm        | ≤ 12 cm       |
| 287102009 | SOT Resting Splint     | XX-Small          | Right     | Black | ≤ 6,5 cm      | ≤ 14 cm       |
| 287102010 | SOT Resting Splint     | X-Small           | Right     | Black | ≤ 7,5 cm      | ≤ 16 cm       |
| 287102011 | SOT Resting Splint     | Small             | Right     | Black | ≤ 7,5 cm      | ≤ 18,5 cm     |
| 287102012 | SOT Resting Splint     | Medium            | Right     | Black | ≤ 8,5 cm      | ≤ 20 cm       |
| 287102013 | SOT Resting Splint     | Large             | Right     | Black | ≤ 9 cm        | ≤ 21 cm       |
| 287110009 | MCP wedge              | XX-Small          | Bilateral | Black | Width 65 mm   | Height 10 mm  |
| 287110011 | MCP wedge              | Small             | Bilateral | Black | Width 75 mm   | Height 15 mm  |
| 287110013 | MCP wedge              | Large             | Bilateral | Black | Width 90 mm   | Height 20 mm  |
| 287120003 | Finger divider         | Children          | Bilateral | Black | -             | -             |
| 287120005 | Finger divider         | Medium            | Bilateral | Black | -             | -             |
| 287120007 | Finger divider         | Large             | Bilateral | Black | -             | -             |
| 287130009 | Wrist Strap            | XXX-Small-X-Small | Bilateral | Black | -             | -             |
| 287130012 | Wrist Strap            | Small-Large       | Bilateral | Black | -             | -             |
| 287141008 | Additional Cover Strap | XXX-Small         | Left      | Black | -             | -             |
| 287141009 | Additional Cover Strap | XX-Small          | Left      | Black | -             | -             |
| 287141010 | Additional Cover Strap | X-Small           | Left      | Black | -             | -             |
| 287141011 | Additional Cover Strap | Small             | Left      | Black | -             | -             |
| 287141012 | Additional Cover Strap | Medium            | Left      | Black | -             | -             |
| 287141013 | Additional Cover Strap | Large             | Left      | Black | -             | -             |
| 287142008 | Additional Cover Strap | XXX-Small         | Right     | Black | -             | -             |
| 287142009 | Additional Cover Strap | XX-Small          | Right     | Black | -             | -             |
| 287142010 | Additional Cover Strap | X-Small           | Right     | Black | -             | -             |
| 287142011 | Additional Cover Strap | Small             | Right     | Black | -             | -             |
| 287142012 | Additional Cover Strap | Medium            | Right     | Black | -             | -             |
| 287142013 | Additional Cover Strap | Large             | Right     | Black | -             | -             |
| 287260000 | SOT Fabric             | 35 x 35 cm        | -         | Black | -             | -             |
| 287270000 | SOT Hook Sheet         | 10 x 30 cm        | -         | Black | -             | -             |