

## Foot & Ankle Joint



# Foot & Ankle Joint



## PeroSupport.tec

Ankle-Foot-Orthosis, dynamic, made of carbon-pre-preg, including 2 sets of cushioning pads

### Mode of Action

- great energy storage and -return by carbon-pre-preg material
- the PeroSupport.tec ankle-foot-orthosis can be used for patients suffering from dorsal extension deficiency of the foot, resulting to the so-called "steppage gait"
- the PeroSupport.tec ankle-foot-orthosis limits the plantar flexion in the upper ankle joint and therefore causes the foot to lift during swing phase
- magnetic closure provides easy opening and closing

### Indication

- peroneal paresis
- weakness of dorsiflexion of the foot
- inflammation of the ankle joint
- post-operative treatment after achilles tendon rupture

### Contraindication

- material interactions/allergies
- do not wear directly on injured, irritated or damaged skin
- weight limit: 120 kg
- foot or ankle deformities
- swellings and dilation of the calf skin
- sensory disorders (e.g. polyneuropathy)
- diabetic foot syndrome/-ulcers
- heavy circulatory disorders/lymphoedema



magnetic closure of the trade mark Fidlock



cuttable sole

| Size | Side  | Shoe size | Height  | Item-No. |
|------|-------|-----------|---------|----------|
| XS   | left  | 34 – 36   | 32,5 cm | 197R4/L0 |
| S    | left  | 36 – 39   | 33,5 cm | 197R4/L1 |
| M    | left  | 39 – 42   | 34,5 cm | 197R4/L2 |
| L    | left  | 42 – 45   | 35,5 cm | 197R4/L3 |
| XL   | left  | 45 – 48   | 37,5 cm | 197R4/L4 |
| XS   | right | 34 – 36   | 32,5 cm | 197R4/R0 |
| S    | right | 36 – 39   | 33,5 cm | 197R4/R1 |
| M    | right | 39 – 42   | 34,5 cm | 197R4/R2 |
| L    | right | 42 – 45   | 35,5 cm | 197R4/R3 |
| XL   | right | 45 – 48   | 37,5 cm | 197R4/R4 |

### Spare pads

| Description   | Size    | Side         | Calf circumference | Item-No. |
|---|---------|--------------|--------------------|----------|
| 3 x cushioning pad, 1x magnetic closure, 10 x hook- and loop dots | XS – XL | left + right | up to 52 cm        | 197R10   |



The PeroSupport.tec may be customised to foot shape and -size by cutting the sole as per requirements. The supplied micro-fleece insole can be cut into shape as well. Carbon-pre-preg is not thermo-formable.



## PeroSupport.pro

Ankle-Foot-Orthosis with additional calf stabilisation, made of carbon-pre-preg, dynamic, including 2 sets of cushioning pads



### Mode of Action

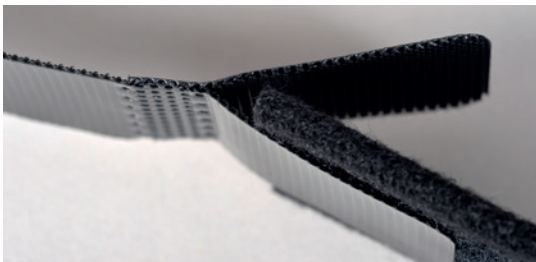
- dynamic re-adjustment of the foot
- limits the plantar flexion
- prevents lateral ankle twisting (supination position)
- prevents side-slips (lateralisation)
- great energy storage and -return by carbon-pre-preg material

### Indication

- peroneal paresis
- weakness of dorsiflexion of the foot
- inflammation of the ankle joint
- post-operative treatment after achilles tendon rupture
- malposition of the ankle joint caused by weakness of dorsiflexion of the foot

### Contraindication

- material interactions/allergies
- do not wear directly on injured, irritated or damaged skin
- weight limit: 120 kg
- foot or ankle deformities
- swellings and dilation of the calf skin
- sensory disorders (e.g. polyneuropathy)
- diabetic foot syndrome/-ulcers
- heavy circulatory disorders/lymphoedema



calf-strap continuously adjustable by Y-hook- and loop fastener



cuttable sole

| Size | Side  | Shoe size | Height | Item-No. |
|------|-------|-----------|--------|----------|
| S    | left  | 36 – 39   | 34 cm  | 197R6/L1 |
| M    | left  | 39 – 42   | 35 cm  | 197R6/L2 |
| L    | left  | 42 – 45   | 35 cm  | 197R6/L3 |
| XL   | left  | 45 – 48   | 36 cm  | 197R6/L4 |
| S    | right | 36 – 39   | 34 cm  | 197R6/R1 |
| M    | right | 39 – 42   | 35 cm  | 197R6/R2 |
| L    | right | 42 – 45   | 35 cm  | 197R6/R3 |
| XL   | right | 45 – 48   | 36 cm  | 197R6/R4 |

### Spare pads

| Description                                   | Size    | Side         | Calf circumference | Item-No. |
|---|---------|--------------|--------------------|----------|
| calf pad with fastener, 12 hook and loop dots | 36 – 42 | left + right | up to 52 cm        | 197R7/1  |
| calf pad with fastener, 12 hook and loop dots | 42 – 48 | left + right | up to 52 cm        | 197R7/2  |



The PeroSupport.pro may be customised to foot shape and -size by cutting the sole as per requirements. The supplied micro-fleece insole can be cut into shape as well. Carbon-pre-preg is not thermo-formable.

# Foot & Ankle Joint



## PediSupport.dorsal

Foot Postural Support Orthosis (Dorsal Night Stabilisation Splint)



### Mode of Action

- keeps the foot in a 90°-position
- prevention of a pes equinus position of the foot and thereby of a contraction of the achilles tendon
- slight elongation of the plantar fascia during night
- soothes plantar foot pain in the morning

### Indication

- plantar fasciitis
- achilles tendonitis
- pes equinus position
- metatarsalgia
- for night postural support
- for contracture prophylaxis

### Contraindication

- material interactions/allergies
- do not wear directly on injured, irritated or damaged skin
- plantar flexion contracture of more than 10°
- severe plantar flexion spasms
- not suitable for walking
- diabetic foot syndrome/-ulcers
- heavy circulatory disorders/lymphoedema

| Size | Shoe size | Colour | Item-No. |
|------|-----------|--------|----------|
| M    | 36 – 39   | black  | 191R1/M  |
| L    | 40 – 44   | black  | 191R1/L  |