



453A2 Derma protection sealing sleeve

The 453A2 Derma Protection Sealing Sleeve is a basic and durable sealing sleeve made from a tear-resistant copolymer gel and finished with a textile cover. The 453A2 Derma Protection Sealing Sleeve is mostly used as the primary suspension system or with a valve or Harmony System, and is suitable for amputees with a low to medium activity level.

| Article number | 453A2=1 | 453A2=2 | 453A2=3 | 453A2=4 |
|---------------------------|------------|------------|------------|------------|
| Size | 1 | 2 | 3 | 4 |
| Length | ~30 cm | ~32 cm | ~33 cm | |
| Knee centre circumference | 24 – 32 cm | 30 – 40 cm | 34 – 44 cm | 42 – 56 cm |



Derma ProFlex is an anatomically shaped sealing sleeve made from a hard-wearing copolymer (TPE) with outer textile.

The anatomical shape results from a combination of 3 different features:

- Pre-flexion of 15° for easier knee flexion and reduced formation of wrinkles in the hollow of the knee
- Conical shape for comfortable pressure distribution in the area of the thigh and optimal adhesion to the prosthetic socket
- Pre-shaped patella section for reduced pressure on the patella during the entire range of movement

The interplay of these 3 factors provides for a previously unmatched level of functionality and wearer comfort for the user.

The Derma ProFlex knee sleeve can be used as the primary suspension system or with a valve or the Harmony system. It is suitable for users with a low to high activity level.

453A3 Derma ProFlex sealing sleeve

Order example

| Reference number | = | Size | - Colour |
|------------------|---|------|----------|
| 453A3 | = | 2 | - 7 |

| Reference number | 453A3 | | |
|---|-------------------|------------|------------|
| Size | 1 | 2 | 3 |
| Knee centre circumference | 24 – 32 cm | 30 – 40 cm | 36 – 47 cm |
| Circumference 20 cm proximal to knee centre | 34 – 46 cm | 40 – 54 cm | 48 – 66 cm |
| Colour | silver, black (7) | | |

- Thigh length from MPT to proximal brim approx. 26 cm

453A4 Derma ProFlex sealing sleeve, short

Order example

| Reference number | = | Size | - Colour |
|------------------|---|------|----------|
| 453A4 | = | 2 | - 7 |

| Reference number | 453A4 | | |
|---|-------------------|------------|------------|
| Size | 1 | 2 | 3 |
| Knee centre circumference | 24 – 32 cm | 30 – 40 cm | 36 – 47 cm |
| Circumference 20 cm proximal to knee centre | 34 – 46 cm | 40 – 54 cm | 48 – 66 cm |
| Colour | silver, black (7) | | |

- Thigh length from MPT to proximal brim approx. 26 cm

The Harmony sealing sleeve provides an excellent vacuum seal and is covered with a durable abrasion-resistant textile. It includes the gaiter sleeve protector to extend its life and retain its sealing properties. The Harmony sealing sleeve is mostly used with the Harmony System or a valve, and is suitable for users with a moderate to high activity level.

• incl. 454A11 Gaiter

454A7 Harmony sealing sleeve, cylindrical



| Article number | 454A7=1 | 454A7=2 | 454A7=3 | 454A7=4 | 454A7=5 |
|---------------------------|--------------|--------------|--------------|--------------|--------------|
| Size | 1 | 2 | 3 | 4 | 5 |
| Knee centre circumference | 28 – 35.6 cm | 30 – 37.5 cm | 33 – 40.5 cm | 35.5 – 43 cm | 38 – 50.5 cm |

454A8 Harmony sealing sleeve, conical

| Article number | 454A8=1 | 454A8=2 | 454A8=3 | 454A8=4 | 454A8=5 | 454A8=6 | 454A8=7 |
|---|--------------|--------------|------------|--------------|------------|--------------|------------|
| Size | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Knee centre circumference | 25.5 – 33 cm | 30.5 – 37 cm | 33 – 39 cm | 37 – 44.5 cm | 43 – 51 cm | 48 – 58.5 cm | 56 – 66 cm |
| Circumference 20 cm proximal to knee centre | 35 – 43 cm | 41 – 50 cm | 44 – 54 cm | 49 – 56 cm | 53 – 66 cm | 60 – 70 cm | 66 – 75 cm |

452A1 ProSeal ring

Proximal sealing system for TF vacuum sockets.
Recommended in combination with the 6Y81 ProSeal SIL Liner.

Order example

Reference number = Proximal circumference

452A1 = 320

| | |
|------------------------|--|
| Reference number | 452A1 |
| Proximal circumference | 320 mm, 340 mm, 360 mm, 380 mm, 400 mm, 420 mm, 440 mm, 460 mm, 480 mm, 500 mm, 520 mm, 540 mm, 560 mm, 580 mm, 600 mm, 640 mm |
| Scope of delivery | Sealing ring, fixation ring, lamination dummy |



647G597



About this
catalogue

Modular
lower limb
prostheses

Lower limb
prostheses
for children

Initial/interim
prostheses

Waterproof
walking
devices

Sport
prostheses

Prosthetic
feet

Adapter

Knee joints

Hip joints

Socket
Technologies

Cosmetic
covers

Exoskeletal

Index