

NovaPED sensoCAD

by schein

Sensomotoric concept
for holistic and active care



WeXhelp

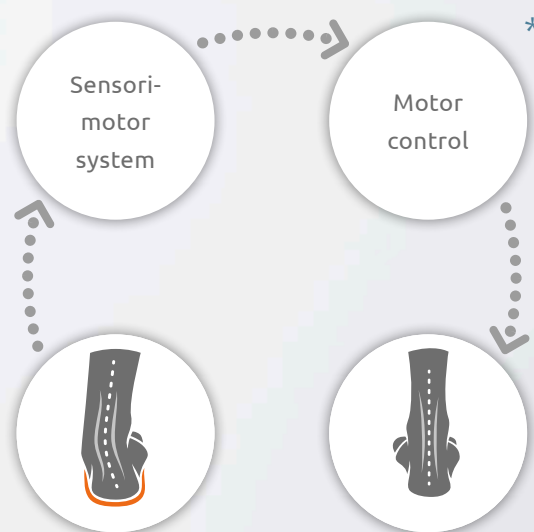
INCREASING QUALITY OF LIFE
AND WELLBEING OF PEOPLE!

Sensomotoric concept for holistic and active care

For many years, sensomotoric foot orthoses (SMFO) have been successfully used to treat various foot misalignments, functional complaints, and deviations from standard physiological gait.

With their specially shaped elements, they exert targeted sensory stimuli on the sole of the foot, which cause motor reactions through muscle tension or relaxation. In this way, malpositions and imbalances can be corrected.

Sensomotoric foot orthoses can be used for children and adults.



* Example of use.

Composition and construction

Novaped sensoCAD are made of EVA milled supports. On the bottom, the supports are reinforced with a film composite material. They are designed differently to distinguish the individual models from each other.



The supports have a uniform basic structure. The design of the individual elements varies depending on the model, to give differing intensity to different stimuli.



Light



Medium



Strong

There are variants which are designed for everyday functional care, as well as models which are adjusted for care in the sports sector. This provides the basis for a wide range of care opportunities.

In accordance with a medical prescription, a healthcare technician processes the Novaped sensoCAD support individually for each customer.

Novaped sensoCAD sports

Behind Novaped sensoCAD sports are blanks which are designed for use in sports. They can aid in the causal treatment of sports-related overuse symptoms.

The Novaped sensoCAD blanks are made of dual-layered EVA with a Shore A hardness of approx. 25° to 35°. The bottom is reinforced by a 0.8 mm thick film composite material.

The blanks are available in a universal model for sports shoes with a normal fit, for example for running, basketball, handball, squash, tennis or golf. The narrower and thinner model is appropriate for especially narrow shoes with low volume in the interior, such as soccer or track-and-field shoes.





Novaped sensoCAD sports neutral*

Product focus

The neutral model can be used with a neutral leg axis, in combination with increased muscle tension of the calf muscles. The toe element and the midfoot element can aid in reducing increased muscle tension of M.gastrocnemius.

Material

- EVA, 25° Shore A, orange
- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-orange

Heel element:
medial

Midfoot element:
neutral

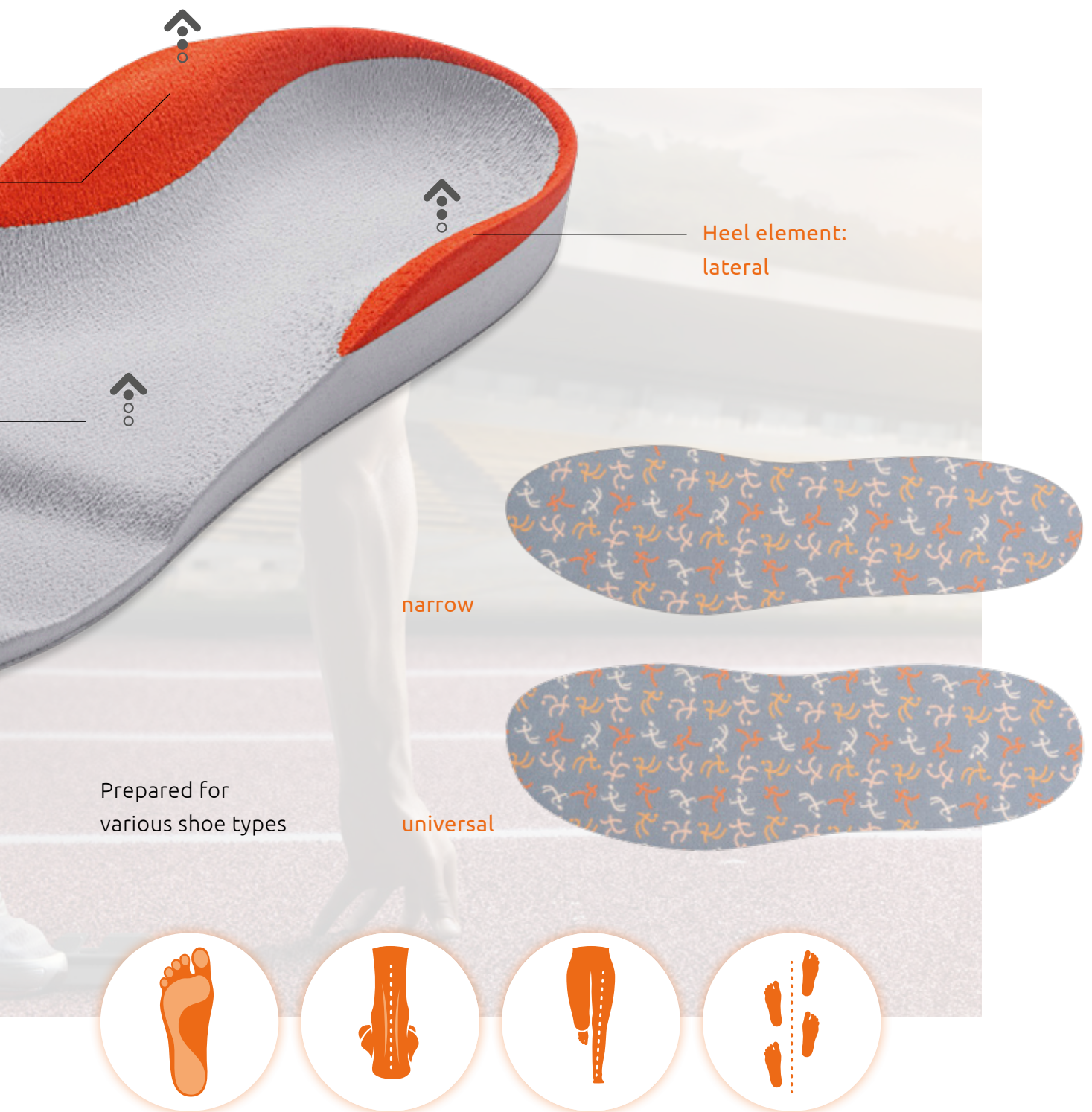
Toe element:
neutral



Application examples:

- Achillodynia / Achilles tendon pain
- plantar fasciitis / heel spur
- neutral leg axis

* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Art. No.	Description	Size
773600000	Novaped sensoCAD sports neutral, narrow	30–52
773601000	Novaped sensoCAD sports neutral, universal	30–52

Novaped sensoCAD sports valgus*

Product focus

An insufficiently active M. tibialis posterior can lead, in particular, to an increased valgus heel, which encourages the development of various over-use symptoms. To actively straighten the heel, the medial heel element can give a corresponding impulse.

Material

- EVA, 25° Shore A, orange
- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-green

Heel element:
medial

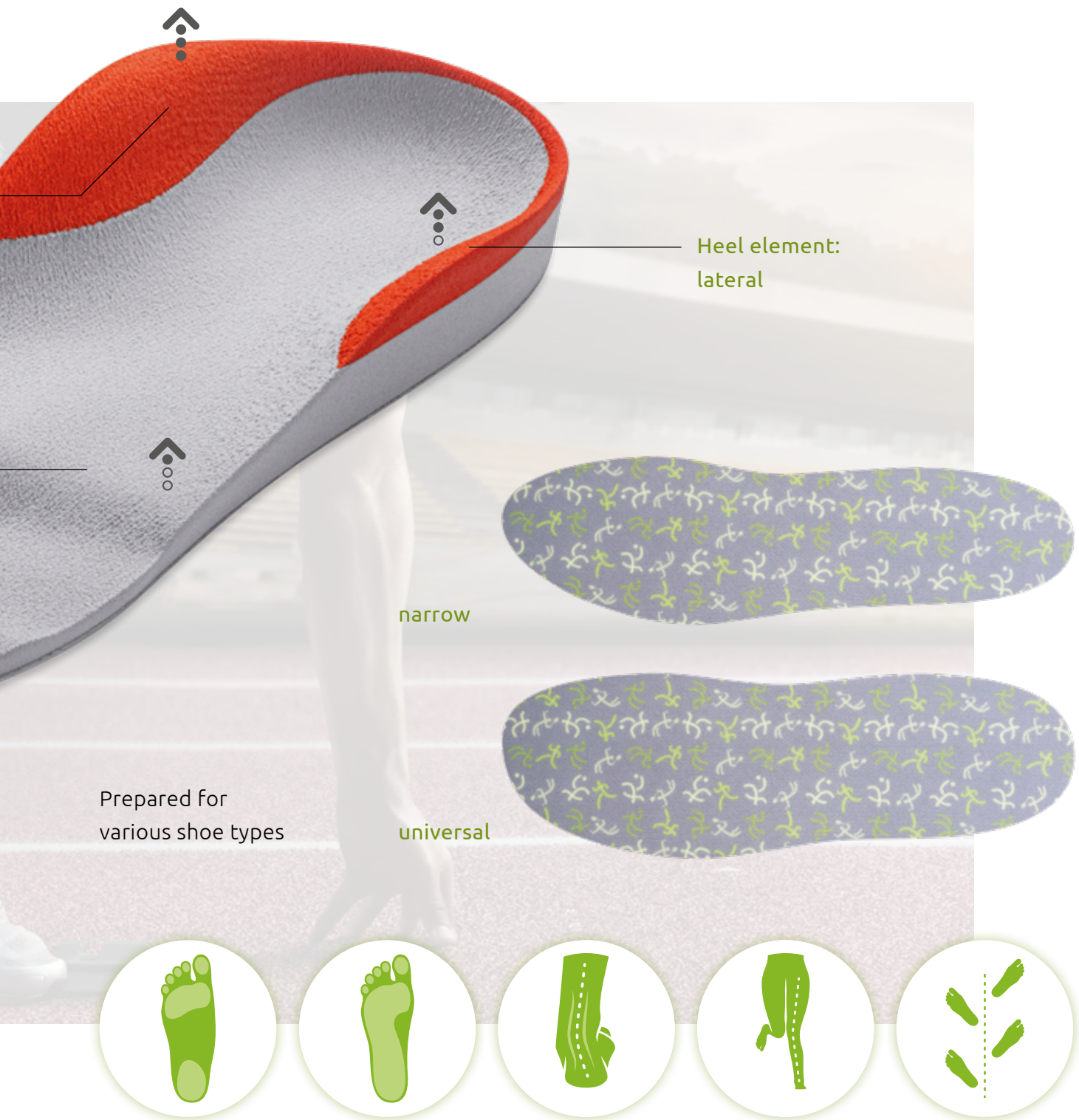
Midfoot element:
raised medially

Toe element:
raised medially

Application examples:

- Achillodynia / Achilles tendon pain
- Plantar fasciitis / heel spur
- Runner's knee
- Jumper's knee
- Tibial stress syndrome
- Iliotibial band syndrome
- Chondromalacia patellae
- In combination with a pes valgus or genu valgum
- Medial collapse

* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Heel element:
lateral

narrow

universal

Prepared for
various shoe types



Art. No.	Description	Size
773610000	Novaped sensoCAD sports valgus, narrow	30-52
773611000	Novaped sensoCAD sports valgus, universal	30-52

Novaped sensoCAD sports varus*

Product focus

If the effectiveness of the M. peroneus is weakened, it can lead to a lateral ankle joint instability or varus heel position, which can result in various symptoms. Stimuli through the lateral heel element can increase the effectiveness of the M. peroneus longus.

Material

- EVA, 25° Shore A, orange
- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-yellow

Heel element:
medial

Midfoot element:
raised laterally

Toe element:
raised laterally

Application examples:

- Achillodynia / Achilles tendon pain
- Plantar fasciitis / heel spur
- Runner's knee
- Jumper's knee
- Tibial stress syndrome
- Iliotibial tract
- In combination with a pes varus or genu varum
- Ankle joint instability / prophylaxis distortion trauma

* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Art. No.	Description	Size
773620000	Novaped sensoCAD sports varus, narrow	30-52
773621000	Novaped sensoCAD sports varus, universal	30-52

Novaped sensoCAD

Novaped sensoCAD is specifically designed for the care of foot deformities, gait deviations, etc.

The supports are made of milled Shore A EVA with a hardness of approx. 35°. On the bottom, the supports are reinforced with an approx. 0.8 mm thick film composite material.

Novaped sensoCAD is available with a flat heel or heel shell. The supports from this series can be selected individually (as a pair of split foot orthoses).





Novaped sensoCAD neutral*

Product focus

The neutral model is used for a physiological foot with a neutral gait pattern, for example. It can also be used to balance contralateral care.

Material

- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-orange

Heel element:
medial

Midfoot element:
neutral

Toe element:
neutral



Application examples:

- Neutral gait
- Normal foot
- Perception Support
- Compensation care

* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Heel element:
lateral

Insole with heel cup for improved
heel guidance and stability

Art. No. left	Art. No. right	Description	Size
773402000	773401000	Novaped sensoCAD neutral with flat heel	19–50
773502000	773501000	Novaped sensoCAD neutral with heel cup	19–50

Novaped sensoCAD planovalgus*

Product focus

An insufficiently active M. tibialis posterior leads, among other things, to a skew foot, fallen arches or flat feet. In order to support the active lifting of the heel, the medial heel element can be used to give a corresponding impulse to the muscle.

Material

- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-green

Heel element:
medial

Midfoot element:
raised medially

Toe element:
raised medially



Application examples:

- Externally rotated gait
- Skew foot
- Fallen arches
- Flat feet
- Valgus leg axis
- Achilles tendon problems
- Knee pain, e.g. runner's knee, jumper's knee
- Hallux valgus

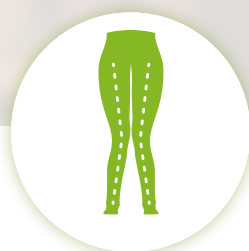
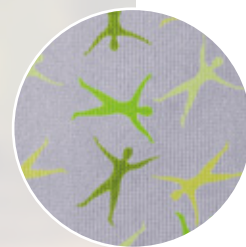
* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Heel element:
lateral



Insole with heel cup for improved heel guidance and stability



Art. No. left	Art. No. right	Description	Size
773412000	773411000	Novaped sensoCAD planovalgus with flat heel	19–50
773512000	773511000	Novaped sensoCAD planovalgus with heel cup	19–50

Novaped sensoCAD adductus*

Product focus

If the effectiveness of the M. peroneus longus is weakened, it can bring about changes such as pigeon toes. Here, the lateral heel element can lead to activation of the muscle, to compensate for the existing muscle imbalance and restore the physiological foot shape.

Material

- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-yellow

Heel element:
medial

Midfoot element:
raised laterally

Toe element:
raised laterally

Application examples:

- Internally rotated gait
- Pigeon toes
- Previously treated club foot
- Varus leg axis
- Achilles tendon problems
- Knee pain, e.g. runner's knee, jumper's knee

* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Heel element:
lateral

Insole with heel cup for improved
heel guidance and stability

Art. No. left	Art. No. right	Description	Size
773422000	773421000	Novaped sensoCAD adductus with flat heel	19–50
773522000	773521000	Novaped sensoCAD adductus with heel cup	19–50

Novaped sensoCAD cavus*

Product focus

If the small foot muscles are insufficiently active, high arches are encouraged. To counteract this, stimulus-providing toe and midfoot elements can be positioned on the foot.

Material

- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-blue

Heel element:
medial

Midfoot element as
transverse support

Toe element:
neutral



Application examples:

- High arches
- Achilles tendon problems
- Heel spur / plantar fasciitis

* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Heel element:
lateral

Insole with heel cup for improved
heel guidance and stability

Art. No. left	Art. No. right	Description	Size
773432000	773431000	Novaped sensoCAD cavus with flat heel	19–50
773532000	773531000	Novaped sensoCAD cavus with heel cup	19–50

Novaped sensoCAD equinus*

Product focus

Neuromuscular diseases or neurological disorders are a possible cause of increased muscle tone of M. gastrocnemius, which may cause pes equinus or walking on tiptoe. The toe element and the midfoot element help to reduce the increased muscle tension. This can put the foot back in a physiological position and make heel contact possible.

Material

- EVA, 35° Shore A, grey
- 0,8 mm film composite material, grey-red

Heel element:
raised medially

Midfoot element:
raised neutrally

Toe element:
raised neutrally



Application examples:

- Walking on tiptoe
- Pes equinus
- Achilles tendon problems

* In accordance with a medical prescription, this support can be suitably individually adjusted for a customer by a healthcare technician into a special construction.



Heel element:
raised laterally

Insole with heel cup for improved
heel guidance and stability

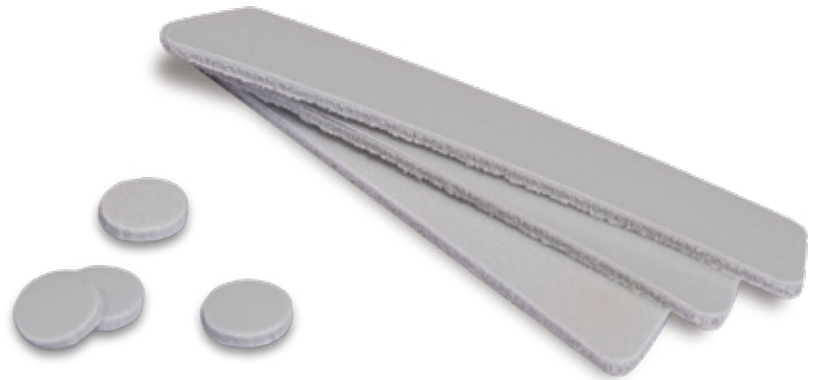
Art. No. left	Art. No. right	Description	Size
773442000	773441000	Novaped sensoCAD equinus with flat heel	19–50
773542000	773541000	Novaped sensoCAD equinus with heel cup	19–50

Customization elements

Novaped sensoCAD elements allow stimulus on the foot to be amplified in a targeted way. Targeted individual areas can be raised with the selective raising elements. The strip element is used for a flat adjustment.

These elements are welded to the bottom of the supports and have a thickness of approx. 3 mm and a Shore A hardness of 30°.

Our add-on parts for S90 insole supports offer additional customization options, such as heel raising. Detailed information can be found in our NovaPED S90 elements catalog or at www.schein.de



Art. No.	Description	Width	Length	Packaging units
969082000	Novaped sensoCAD Customization element Dot	Ø 15 mm		10 items
969080000	Novaped sensoCAD Customization element Bar	20 mm	130 mm	10 items



Template

The Novaped sensoCAD templates facilitate the positioning of Novaped sensoCAD elements and the fitting of the blank into the shoe.



Art. No.	Description	Size	Packaging units
961934000	Novaped sensoCAD templates, Size 1	19–34	Single sizes set
963550000	Novaped sensoCAD templates, Size 2	35–50	Single sizes set

Cover materials

For athletic activities, the Skintex cover, each lined with 1 mm 30° Shore A Multiform.

The NovaPED sensoCAD cover material provides additional wearing comfort. For everyday wear, we recommend the PiGreco cover



Art. No.	Description	Size	Width	Length	Packaging units
964115000	Novaped sensoCAD sports cover, Size 1	30–40	110 mm	280 mm	10 items
964115000	Novaped sensoCAD sports cover, Size 2	41–52	155 mm	360 mm	10 pieces

Art. No.	Description	Size	Width	Length	Packaging units
964105000	Novaped sensoCAD cover, Size 1	19–34	110 mm	280 mm	10 pieces
964105000	Novaped sensoCAD cover, Size 2	35–50	155 mm	360 mm	10 pieces

Novaped sensoCAD sports

Art. No.	Description	Size
773600000	Novaped sensoCAD sports neutral, narrow	30-52
773601000	Novaped sensoCAD sports neutral, universal	30-52

Art. No.	Description	Size
773620000	Novaped sensoCAD sports varus, narrow	30-52
773621000	Novaped sensoCAD sports varus, universal	30-52



Novaped sensoCAD

Art. No.	Description	Size
right: 773401000 left: 773402000	Novaped sensoCAD neutral with flat heel	19-50
right: 773501000 left: 773502000	Novaped sensoCAD neutral with heel cup	19-50

Art. No.	Description	Size
right: 773421000 left: 773422000	Novaped sensoCAD adductus with flat heel	19-50
right: 773521000 left: 773522000	Novaped sensoCAD adductus with heel cup	19-50

Art. No.	Description	Size
right: 773441000 left: 773442000	Novaped sensoCAD equinus with flat heel	19-50
right: 773541000 left: 773542000	Novaped sensoCAD equinus with heel cup	19-50



Art. No.	Description	Size
773610000	Novaped sensoCAD sports valgus, narrow	30–52
773611000	Novaped sensoCAD sports valgus, universal	30–52



Art. No.	Description	Size
right: 773411000 left: 773412000	Novaped sensoCAD planovalgus with flat heel	19–50
right: 773511000 left: 773512000	Novaped sensoCAD planovalgus with heel cup	19–50



Art. No.	Description	Size
right: 773431000 left: 773432000	Novaped sensoCAD cavus with flat heel	19–50
right: 773531000 left: 773532000	Novaped sensoCAD cavus with heel cup	19–50





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