

Novaped S90

by **schein**

CARBON EDITION



NovaPED S90

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CARBON EDITION

Tradition meets progress

Since the company's founding in 1879, our name has been closely associated with the production of orthopaedic foot supports. The work of my grandfather, Heinrich Schein senior, was the cornerstone for a success story in which our company has developed into one of the leading producers of insoles.

Over the years, the provision of insoles has seen great change. Traditional materials that dominated for long periods have been replaced by numerous innovations. Metal gave way to plastic and padding materials were added, yielding a range of new supply possibilities.

Constantly discovering and developing innovations – this is where our motivation has always been, and the concept for our most recent technological development, inserting carbon material into the insole, is also representative of this. We are thus able to combine both our customers' wishes and the latest technology in our new product line: NovaPED S90 Carbon Edition.

Yours, 

Arnd Schein



Driving innovation

Da werden die Füße Ihrer Kunden aber Augen machen.



Einlagen-Rohlinge von Schein.

schein orthopädie service

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Postfach 11 00 70, Heiden 21 91 + 20 21
Produktion und Vertrieb aus hochreiner Qualität

30 Jahre plexidur o



30 Jahre Einlagen-Rohlinge von Schein aus plexidur o

Einlagen-Rohlinge • Einlagen • Einlagen-Rohlinge • Einlagen

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Auf den Kern kommt's an.

Die Weichen.

Schaumstoff / Thermo HK Unterlage



z.B. Teflon 20

z.B. Porene pro



Schaumstoff
Thermo HK
Schaumstoff

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Print media advertising from the eighties

DISCOVER SOMETHING NEW



A NEW AGE

Across Germany, the insole remains the most widespread form of aid. Around 18% of the population – so 11.6 million people in Germany – wear insoles. Furthermore, many patients would like to own a second or third pair of insoles so that they can fit them into several pairs of shoes. (Source: eurocom e.V.)

Reason enough for us to reformat recognised supply concepts and to supplement these with a cutting-edge material: carbon.

Carbon fibres are industrially manufactured fibres made of carbonaceous raw materials with very high stability and rigidity, as well as low elongation at break. The finest carbon fibres are woven into a mesh and saturated in a liquid resin mixture. Through pressure and temperature, a composite is created for the highest quality and performance requirements that is already successfully used in aviation and aerospace technology, as well as the automobile and sports equipment industries.

We have taken advantage of the outstanding material properties to construct our NovaPED S90 carbon orthopaedic foot supports. They can therefore meet demands that are particularly significant for several indications.

The manufacture of the carbon mesh is very elaborate because it responds extremely sensitively to external influences in its unprocessed form and only has a limited shelf life. In addition, the geometry of the mesh structure plays a decisive role during the production process in terms of its stability and elasticity.

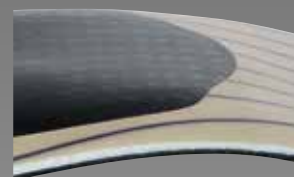
Its unusual properties are characteristic of carbon, and no other material can offer this combination. The combination of carbon and our S90 insole technology provides several advantages:

- **dimensional stability**
- **extremely thin and light**

- **flexible heel**



- **edgeless transitions**
- **non-slip protective film**



Novaped S90

by **schein**

CARBON EDITION

BUSINESS
LADIES / MEN

SPORTS
SPECIAL

CLASSIC



NovaPED S90

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CARBON EDITION

BUSINESS
LADIES / MEN



Business

Even at work, a heavy load is placed on our feet every day. To prevent overload damage or reduce already existing complaints, we developed the NovaPED business insole blanks specially for business shoes. With their shape and their very small design height, they are adapted to current shoe fashion.

They can be used for indications such as:

- Pes valgus
- Skew foot
- Metatarsalgia
- Mild claw foot

Business, ladies

- High heel gradient
- Rectangular forefoot
- With rubber metatarsal pad



- High heel gradient
- Pointed forefoot
- With rubber metatarsal pad



Business, ladies

- Normal heel gradient
- Pointed forefoot
- With rubber metatarsal pad



- Normal heel gradient
- Rectangular forefoot
- With rubber metatarsal pad



Business, men

- Cupped hind foot
- Rectangular forefoot
- With rubber metatarsal pad



Item no.	Size		Padding	Cover
982606-000	35-44	Ladies, rectangular, high	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, gobi light
982605-000	35-44	Ladies, pointed, high	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, gobi light
982601-000	35-44	Ladies, rectangular, normal	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, gobi light
982600-000	34-44	Ladies, pointed, normal	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, gobi light
982610-000	38-48	Men, rectangular	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black

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CARBON EDITION

SPORTS

RUNNING / WALKING /
NORDIC WALKING



Running / Walking / Nordic Walking

The growing number of running enthusiasts has also led to an increase in running-specific strain injuries. With the NovaPED S90 carbon insole blanks for the areas of running, walking and Nordic walking, numerous complaints can be avoided in advance by, for example, countering increased pronation in the ankle joint.

They can be used for indications such as:

- Achilles tendon complaints
- Tarsal tunnel syndrome
- Knee pain
- Pes valgus
- Splay-foot
- Overpronation



Running / Walking / Nordic Walking

- Supports the foot's arch structure
- Dynamic foot roll behaviour thanks to asymmetric spring construction
- With rubber metatarsal pad

Item no.	Size	Padding	Cover
982500-000	35-48	Continuous p ² /EVA sandwich padding, approx. 3.5 mm	Microfibre onSteam, black

NovaPED S90

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CARBON EDITION

SPORTS
FOOTBALL
CYCLING



Football

Shifting patterns of movement in the lower extremities when playing football lead to injury and strain. Often, poorly fitting football boots are a contributing factor in the development of complaints. The NovaPED S90 carbon football insole improves the fit and comfort, and helps to prevent injury.

They can be used for indications such as:

- Pes valgus
- Splay-foot
- Forefoot complaints

Cycling

In cycling, the forefoot in particular is subjected to constant strain. This can lead to painful pressure points and nerve irritation (e.g. pins and needles). The special construction of the NovaPED S90 carbon insole blanks for cycling helps to relieve overstrained foot structures, stabilise the foot and knee, and improve the transfer of force to the pedals.

They can be used for indications such as:

- Pes valgus
- Splay-foot



Football

- Particularly narrow shape
- Supports the foot's arch structure
- Stabilises the forefoot thanks to torsion cut
- With rubber metatarsal pad



Cycling

- Cupped heel stabilisation
- Supports the foot's arch structures
- Improved forefoot force transfer thanks to carbon element
- Pressure-reducing padding

Item no.	Size	Padding	Cover
982501-000	35-48	Football	Continuous p ² /EVA sandwich padding, approx. 3.5 mm
982502-000	35-48	Cycling	Continuous p ² padding, approx. 2 mm

NovaPED S90

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CARBON EDITION

SPECIAL HALLUX RIGIDUS



Special Hallux Rigidus

Arthrotic changes can lead to reduced movement in the joint at the base of the big toe in the case of hallux limitus, as well as stiffening in the case of hallux rigidus. The range of movement and X-ray findings will determine the stage of the affliction. Light pressure and movement are generally sufficient to induce severe pain in the swollen and inflamed joint. Compensatory adduction of the foot and rolling onto its outer edge lead to changes in the physiological gait.

Among the causes of hallux limitus or rigidus are muscular imbalances, mechanical strain of the first metatarsal bone and hypermobility of the first metatarsal and phalanges. Other frequent causes are inflammation in the wake of rheumatism or infection.

The NovaPED S90 carbon insole blanks in the Special line stand out thanks to their thin and sturdy stiffening springs under the first metatarsal and phalanges. These reduce the pressures exerted on the joint, thereby minimizing pain and restoring the normal gait. Holding the joint in a fixed position alleviates the pain, thus allowing the inflammation to heal.

Compensation insole, narrow



Compensation insole, wide



Without cover



3/4 p² padding



p²/EVA sandwich padding



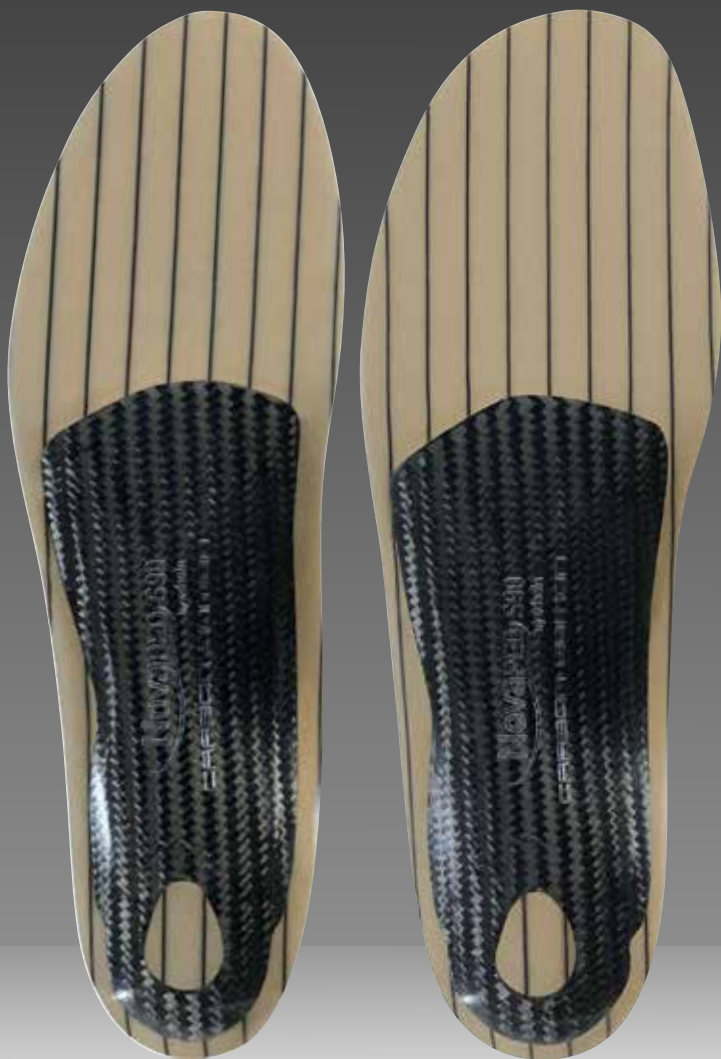
Item no. right	Item no. left	Size	Width	Padding	Cover
982000-000	982100-000	35-48	Narrow	-	-
982001-000	982101-000	35-48	Narrow	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black
982002-000	982102-000	35-48	Narrow	p ² /EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black
982003-000	982103-000	35-48	Wide	-	-
982004-000	982104-000	35-48	Wide	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black
982005-000	982105-000	35-48	Wide	p ² /EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black
982010-000	982110-000	35-48	Narrow	Compensation insole, compatible with item no. 982000-000/982100-000	-
982011-000	982111-000	35-48	Narrow	Compensation insole, compatible with item no. 982001-000/982101-000	Microfibre onSteam, black
982012-000	982112-000	35-48	Narrow	Compensation insole, compatible with item no. 982002-000/982102-000	Microfibre onSteam, black
982013-000	982113-000	35-48	Wide	Compensation insole, compatible with item no. 982003-000/982103-000	-
982014-000	982114-000	35-48	Wide	Compensation insole, compatible with item no. 982004-000/982104-000	Microfibre onSteam, black
982015-000	982115-000	35-48	Wide	Compensation insole, compatible with item no. 982005-000/982105-000	Microfibre onSteam, black

NovaPED S90

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CARBON EDITION

CLASSIC PINSTRIPE



Classic Pinstripe

The NovaPED S90 carbon insole blanks in the Classic line stand out thanks to their low height, extreme flexibility and low weight. These properties mean that the insole blanks offer a very high degree of comfort. Our Classic NovaPED S90 carbon insole blanks come in two different design varieties, which you can find on this and the following double page.

Their contour is adapted to ladies' and men's shoes with a removable footbed.

They can be used for indications such as:

- Pes valgus
- Skew foot
- Metatarsalgia
- Mild claw foot



Without cover

With cover

With cover/
3/4 p² padding

With cover/
p²/EVA sandwich padding



Item no.	Size	Width	Padding	Cover
982020-000	35-44	Narrow	-	-
982021-000	35-44	Narrow	-	Microfibre onSteam, black
982022-000	35-44	Narrow	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black
982023-000	35-44	Narrow	p ² /EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black
982030-000	35-46	Medium	-	-
982031-000	35-46	Medium	-	Microfibre onSteam, black
982032-000	35-46	Medium	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black
982033-000	35-46	Medium	p ² /EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black
982040-000	35-48	Wide	-	-
982041-000	35-48	Wide	-	Microfibre onSteam, black
982042-000	35-48	Wide	3/4 p ² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black
982043-000	35-48	Wide	p ² /EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black

NovaPED S90

by **schein**

CARBON EDITION

CLASSIC

CORK



Classic Cork

The NovaPED S90 carbon insole blanks in the Classic line stand out thanks to their low height, extreme flexibility and low weight. These properties mean that the insole blanks offer a very high degree of comfort.

Their contour is adapted to ladies' and men's shoes with a removable footbed.

They can be used for indications such as:

- Pes valgus
- Skew foot
- Metatarsalgia
- Mild claw foot



Without cover



With cover



With cover/
3/4 p² padding

With cover/
p²/EVA sandwich padding



Item no.	Size	Width	Padding	Cover
982050-000	35-44	Narrow	-	-
982051-000	35-44	Narrow	-	Microfibre onSteam, black
982052-000	35-44	Narrow	3/4 p² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black
982053-000	35-44	Narrow	p²/EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black
982070-000	35-48	Wide	-	-
982071-000	35-48	Wide	-	Microfibre onSteam, black
982072-000	35-48	Wide	3/4 p² padding, approx. 1.5 mm, toe area thinner	Microfibre onSteam, black
982073-000	35-48	Wide	p²/EVA sandwich padding, approx. 3.5 mm, toe area thinner	Microfibre onSteam, black

NovaPED S90 elements

by **schein**



NovaPED S90 elements

For individual adjustment of our NovaPED S90 orthopaedic foot supports, we offer form elements which can be quickly, securely and durably inserted **without any adhesive product**. Using just two different elements, you can create up to four different versions.



Item no.	Description	Size
964510-864	Pronation/Supination 4 mm	1 35-39
		2 40-43
		3 44-48
964520-866	Heel wedge 6 mm	1 35-39
		2 40-43
		3 44-48
964500-864	Sheet, approx. 190 x 390 x 4 mm	
964500-866	Sheet, approx. 190 x 390 x 6 mm	





— Germany since 1879 —

Schein Orthopädie Service KG
Hildegardstr. 5
42897 Remscheid
Germany
Tel. +49 2191 910-200
Fax +49 2191 910-100
remscheid@schein.de
www.schein.de



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