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CALCA LINE





CALCA LINE

The CALCA line combines effective pressure relief in the heel area with longitudinal arch support.

Best suited to treat frequently occurring, painful heel complaints, the CALCA II, the CALCA PRO X and the CALCA PRO X XL offer optimal care for pain-free walking.

The CALCA line's centrepiece is the orthotic shell made from glass fiber composite materials Perpedes developed and produces by itself. Due to its thermo-plastic properties, the shells can be customized simply and uniquely. The heel relief provided in the orthotic shell is orientated on the plantar fascia's anatomical location and runs to the foot's longitudinal arch. This relieves the plantar structures and promotes therapy progression. Only high-quality materials which meet Perpedes' quality demands are used in the CALCA line. The foot orthotic's components are perfectly attuned with each other.

CALCA II



The CALCA II orthotic blank is specially designed for use with chronically painful heel area complaints, e.g. plantar fasciitis or heel spurs. The particularly extensive, drop-shaped recess in the self-supporting Perpedes glass fiber composite shell is orientated on the plantar fascia's anatomical location and stretches to the foot's longitudinal arch. The moderate longitudinal arch support and the double layered PUR Slow Memory foam in the heel area

have a dampening and pain relieving effect. The glass fiber composite shell can be optionally shaped due to its thermoplastic properties and can, therefore, be uniquely adapted to the patient's foot and requirements. Additionally, the CALCA II can be supplemented by soft Carbosan foam met pads which support the transversal arch.

CHARACTERISTICS

Supportive foot orthotic blank
 Calcaneal spur recess and cushion

Compatible with the
BALANCER - HEEL POST MODULE



PRODUCT FACTS

Size range: 35 - 48
 Width: Narrow (35 - 42) / Medium (35 - 48)
 Foot orthotic shell: Acrylic composite material made of woven glass fiber and knitted polyamide (GH702)
 Outline: Vario
 3D-Contour: R = higher longitudinal arch support with guided heel
 Special feature: Hindfoot cushion pads, total thickness 6mm
 Anatomically correct recess for Plantar fasciitis / heel spur

DELIVERY FORM



CALCA II

ITEM NO.	BASE COVER	HINDFOOT CUSHION PAD	WIDTH	LENGTH	SIZE RANGE
C2E_	CarboTec black	2 x 3mm PUR-Slow-Memory 12° Shore A, red	Medium	4/4	35 - 48

CALCA II

BASE/BOTTOM COVER

CarboTec, black

MATERIAL COMPOSITION

50% PUR + 50% PA

CHARACTERISTICS

High abrasion resistance

Slightly slip-resistant

Colorfast and lightfast

FOOT ORTHOTIC SHELL

Acrylic composite material made of woven glass fiber and knitted polyamide (GH702)

MATERIAL COMPOSITION

Woven glass fiber / knitted polyamide with acrylic matrix

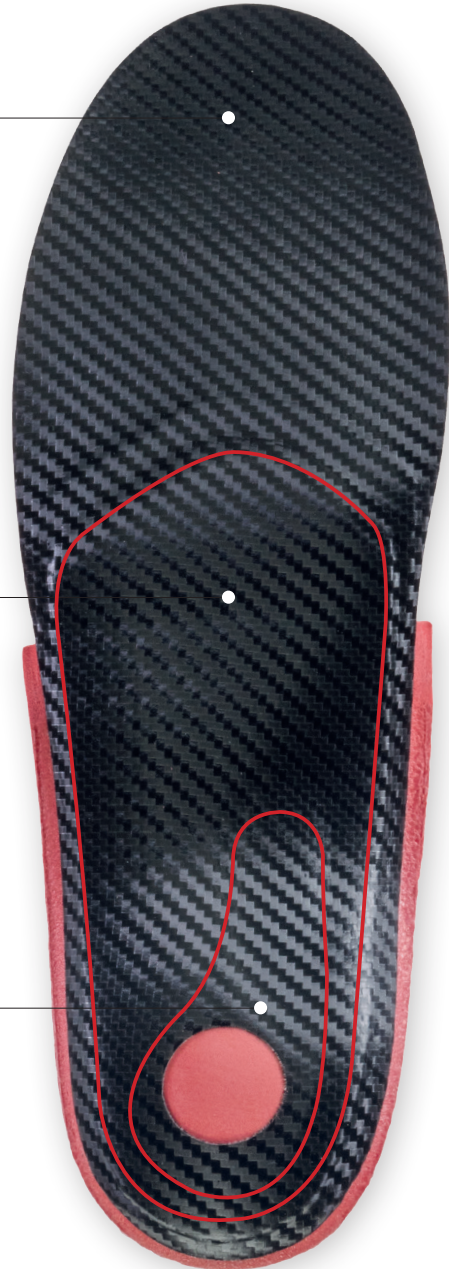
CHARACTERISTICS

Good thermalplastic processing at 130° - 140° C

Optimal support of the foot's longitudinal arch

HEEL RECESS

The particularly extensive, drop-shaped heel recess provides the space for a shock absorbing heel pad and distributes the body load from the central Calcaneus to the lateral, usually pain-free areas of the heel.



To the product video



REINFORCING LAYER

An additional reinforcing layer provides smooth transitions and gives the orthotic blank further stability.

HINDFOOT CUSHION

The open celled, 3mm red PUR Slow Memory foam in the heel area with its 12° Shore A is double layered in the shell's recess. This softness has a dampening and pain relieving effect, as it absorbs impact forces.

HEEL SPUR CUSHION PAD

CALCA PRO X



The CALCA PRO X orthotic blank is the original and designed particularly for acutely painful complaints due to overloading in the heel area. The shell's heel recess in combination with the unique low positioned groove for the plantar fascia in the self-supporting Perpedes glass fiber composite shell is orientated on the fascia's anatomical location and runs well within the foot's longitudinal arch. The moderate arch support and the double layered Shock

Absorber X hindfoot pad in combination with the incorporated PUR Slow Memory foam optimally reduce impact forces, that affect the heel with every step. The orthotic shell can be optionally shaped due to its thermoplastic properties and can, therefore, be uniquely adapted to the patient's foot and requirements. Additionally, the CALCA PRO X can be supplemented by soft Carbosan foam met pads which support the transversal arch.

CHARACTERISTICS

Supportive foot orthotic blank
Calcaneal spur recess and cushion

Compatible with the
BALANCER - HEEL POST MODULE



PRODUCT FACTS

Size range: 35 - 48
Width: Medium
Foot orthotic shell: Acrylic composite material made of woven glass fiber and knitted polyamide (GH702)
Outline: Square
3D-Contour: PX = moderate longitudinal arch support with plantar fascia groove in the shell
Special feature: Hindfoot cushion pads, total thickness 6mm
Anatomically correct recess for plantar fasciitis / heel spur with plantar fascia groove for maximum relief

DELIVERY FORM



CALCA PRO X

ITEM NO.	BASE COVER	HINDFOOT CUSHION PAD	WIDTH	LENGTH	SIZE RANGE
CPE_	CarboTec black	2 x 3mm Shock Absorber X 7° Shore A, yellow	Medium	4/4	35 - 48

CALCA PRO X

BASE/BOTTOM COVER

CarboTec, black

MATERIAL COMPOSITION

50% PUR + 50% PA

CHARACTERISTICS

High abrasion resistance

Slightly slip-resistant

Colorfast and lightfast

FOOT ORTHOTIC SHELL

Acrylic composite material made of woven glass fiber and knitted polyamide (GH702)

MATERIAL COMPOSITION

Woven glass fiber / knitted polyamide with acrylic matrix

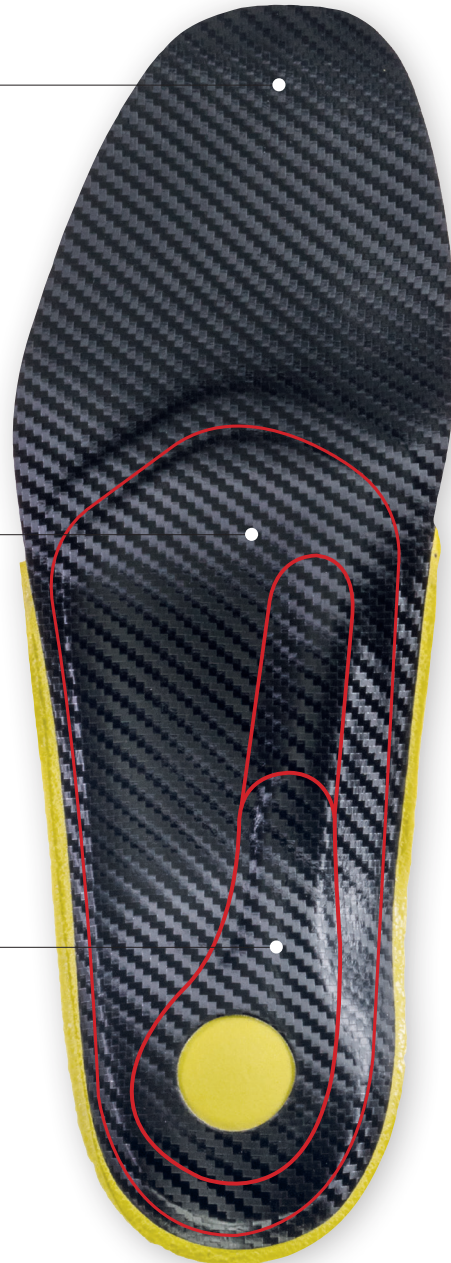
CHARACTERISTICS

Good thermalplastic processing at 130° - 140° C

Optimal support of the foot's longitudinal arch

HEEL RECESS WITH FASCIA GROOVE

The shell's anatomically correct heel recess in combination with the low positioning of the fascia runs well within the foot's longitudinal arch. The heel recess provides the space for a shock absorbing heel pad and distributes the body load from the central Calcaneus to the lateral, usually pain-free areas of the heel.



To the product video



REINFORCING LAYER

An additional reinforcing layer provides smooth transitions and gives the orthotic blank further stability.

FASCIA CUSHION

An incorporated fascia cushion pad made of 3mm red 12° Shore A PUR Slow Memory foam relieves the plantar fascia from pressure.

HINDFOOT CUSHION

The open celled, 3mm yellow Shock Absorber X PUR foam in the heel area with its 7° Shore A is double layered in the shell's recess. This softness has a dampening and pain relieving effect, as it effectively absorbs impact forces.

HEEL SPUR CUSHION PAD

Incorporated heel spur cushion pad made of 3mm yellow 7° Shore A Shock Absorber X PUR material to optimally reduce impact forces.

CALCA PRO X GREEN EDITION



The CALCA PRO X „Green Edition“ orthotic blank is based on the original CALCA PRO X but comes with an open celled, 5mm green, 12° Shore A PUR Memory foam in the heel area - for all conditions that require an extra soft padding and impact relieving effect. The shell's heel recess in combination with the unique relieving groove for the plantar fascia in the self-supporting glass fiber shell is orientated on the fascia's anatomical location and runs

well within the foot's longitudinal arch. The moderate arch support counteracts the hindfoot's malalignment and helps to reestablish physiologically correct plantar loading. The orthotic shell can be optionally shaped due to its thermoplastic properties and can, therefore, be uniquely adapted to the patient's foot and requirements. Additionally, the CALCA PRO X can be supplemented by soft Carbosan foam met pads which support the transversal arch.

CHARACTERISTICS

Supportive foot orthotic blank
Calcaneal spur recess and cushion

Compatible with the
BALANCER - HEEL POST MODULE



PRODUCT FACTS

Size range: 35 - 48
Width: Medium
Foot orthotic shell: Acrylic composite material made of woven glass fiber and knitted polyamide (GH702)
Outline: Square
3D-Contour: PX = moderate longitudinal arch support with plantar fascia groove in the shell
Special feature: Hindfoot cushion pads, total thickness 8mm
Anatomically correct recess for plantar fasciitis / heel spur with plantar fascia groove for maximum relief

DELIVERY FORM



Foot orthotic blank

CALCA PRO X GREEN EDITION

ITEM NO.	BASE COVER	HINDFOOT CUSHION PADS	WIDTH	LENGTH	SIZE RANGE
CGA_ GREEN EDITION	CarboTec black	5mm PUR-Memory 12° Shore A, green 3mm Shock Absorber X 7° Shore A, yellow	Medium	4/4	35 - 48

CALCA PRO X GREEN EDITION

BASE/BOTTOM COVER

CarboTec, black

MATERIAL COMPOSITION

50% PUR + 50% PA

CHARACTERISTICS

High abrasion resistance

Slightly slip-resistant

Colorfast and lightfast

FOOT ORTHOTIC SHELL

Acrylic composite material made of woven glass fiber and knitted polyamide (GH702)

MATERIAL COMPOSITION

Woven glass fiber / knitted polyamide with acrylic matrix

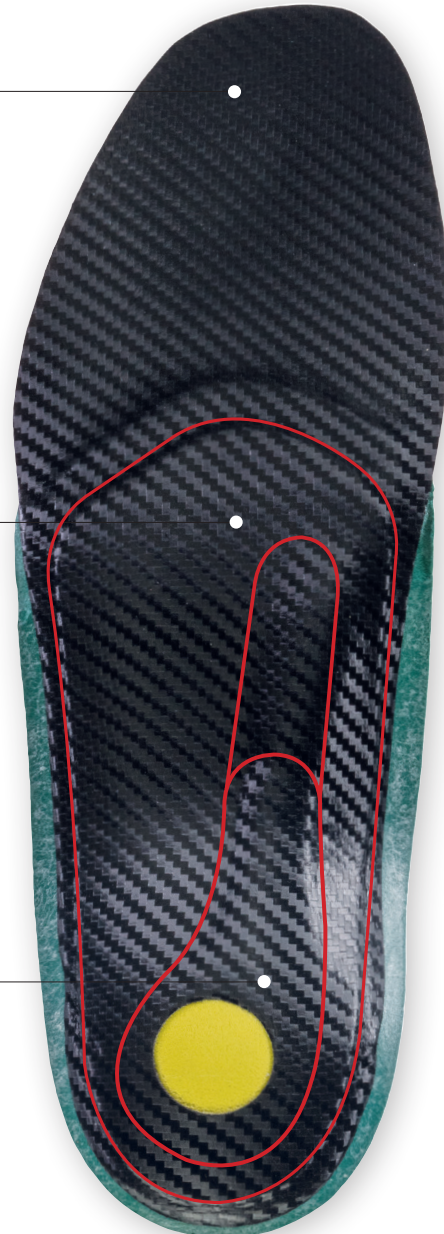
CHARACTERISTICS

Good thermalplastic processing at 130° - 140° C

Optimal support of the foot's longitudinal arch

HEEL RECESS WITH FASCIA GROOVE

The shell's anatomically correct heel recess in combination with the low positioning of the fascia runs well within the foot's longitudinal arch. The heel recess provides the space for a shock absorbing heel pad and distributes the body load from the central Calcaneus to the lateral, usually pain-free areas of the heel.



To the product video



REINFORCING LAYER

An additional reinforcing layer provides smooth transitions and gives the orthotic blank further stability.

FASCIA CUSHION

An incorporated fascia cushion pad made of 3mm red 12° Shore A PUR Slow Memory foam relieves the plantar fascia from pressure.

HINDFOOT CUSHION

The open celled, 5mm green PUR Memory foam in the heel area with its 12° Shore A for all conditions that require an extra thick padding and impact relieving effect.

HEEL SPUR CUSHION PAD

Incorporated heel cushion pad made of 3mm yellow 7° Shore A Shock Absorber X PUR material to optimally reduce impact forces.

CALCA PRO X XL



The CALCA PRO X XL foot orthotic blank is especially suitable for heavier patients with large, wider feet and painful complaints in the heel area, e.g. plantar fasciitis or Calcaneal spur. The anatomically shaped heel recess in combination with the shell's groove for the plantar fascia corresponds to the Calca Pro X, which has been successfully available for years. For the XL version a 6 mm wider, thicker and therefore more stable Perpedes glass fiber shell is used. The long-lasting PUR Medical pad together

with the integrated PUR Slow Memory foam softly embeds the plantar fascia and thus distributes the body load optimally under the hindfoot. This ensures timely pain relief and may help to prevent chronic symptoms. The orthotic shell can be optionally shaped as usual due to its thermoplastic properties and can, therefore, be uniquely adapted to the patient's foot and requirements. Additionally, the CALCA PRO X XL can be supplemented by soft Carbosan foam met pads which support the transversal arch.

CHARACTERISTICS

Supportive foot orthotic blank
 Calcaneal spur recess and cushion

Compatible with the
BALANCER - HEEL POST MODULE



PRODUCT FACTS

Size range: 40 - 48
 Width: Wide
 Foot orthotic shell: Acrylic composite material made of knitted glass fiber (G422)
 Outline: Square
 3D-Contour: PX = moderate longitudinal arch support with plantar fascia groove in the shell
 Special feature: Hindfoot cushion pads, total thickness 6mm
 Anatomically correct recess for plantar fasciitis / heel spur with plantar fascia groove for maximum relief
 Broadened and reinforced foot orthotic shell

DELIVERY FORM



CALCA PRO X XL

ITEM NO.	BASE COVER	HINDFOOT CUSHION PADS	WIDTH	LENGTH	SIZE RANGE
CXL	CarboTec black	2 x 3mm Pur Medical 12 ° Shore A, beige	Wide	4/4	40 - 48

CALCA PRO X XL

BASE/BOTTOM COVER

CarboTec, black

MATERIAL COMPOSITION

50% PUR + 50% PA

CHARACTERISTICS

High abrasion resistance

Slightly slip-resistant

Colorfast and lightfast

FOOT ORTHOTIC SHELL

Acrylic composite material made of knitted glass fiber (G422)

MATERIAL COMPOSITION

Knitted glass fiber with acrylic matrix

CHARACTERISTICS

Very good thermalplastic processing at 130° - 140° C

Optimal support of the foot's longitudinal arch

FEATURE

Extra wide outline and reinforced foot orthotic shell. Suitable for wide footwear

HEEL RECESS WITH FASCIA GROOVE

The shell's anatomically correct heel recess in combination with the low positioning of the fascia runs well within the foot's longitudinal arch. The heel recess provides the space for a shock absorbing heel pad and distributes the body load from the central Calcaneus to the lateral, usually pain-free areas of the heel.



To the product video



REINFORCING LAYER

An additional reinforcing layer provides smooth transitions and gives the orthotic blank further stability.

FASCIA CUSHION

An incorporated fascia cushion pad made of 3mm red 12° Shore A PUR Slow Memory foam relieves the plantar fascia from pressure.

HINDFOOT CUSHION

The 3mm beige PUR MEDICAL foam in the heel area with its 12° Shore A is double layered in the shell's recess. This softness has a dampening and pain relieving effect, as it effectively absorbs impact forces.

HEEL SPUR CUSHION PAD

Incorporated heel spur cushion pad made of 3mm beige 12° Shore A PUR Medical foam to optimally reduce impact forces.

OVERVIEW

	CALCA II	CALCA PRO X
Foot orthotic shell made of composite glass fiber material	GH702	GH702
Base/Bottom cover CarboTec black	✓	✓
Hindfoot cushion	3 mm PUR Slow Memory, red, 12° Sh.A	3 mm Shock Absorber X, yellow, 7° Sh.A
Heel recess with cushioning	✓	
Anatomical heel recess with fascia groove and cushioning		✓
Orthotic shell customizable by temperature of approx. 140°C / 284°F	✓	✓

CALCA PRO X GREEN EDITION	CALCA PRO X XL
GH702	G422
✓	✓
5 mm PUR Memory, green, 12° Sh.A	3 mm PUR Medical, beige, 12° A
✓	✓
✓	✓

A large, light gray watermark of a stylized logo is centered on the page. The logo consists of several thick, curved lines that form a complex, abstract shape, possibly representing a stylized letter or a brand mark. The lines are smooth and rounded, creating a sense of fluidity and movement.

WWW.PERPEDES.COM

Order and Support:
Perpedes Canada Inc.
480 University Ave, Suite 1500
Toronto, ON M5G 1V2
Canada
www.perpedes.com
info@perpedes.com

Return address:
G.L.P. Graupis Leather Products Ltd.
c/o Perpedes Canada Inc.
7-14500 Morris Valley Road
Harrison Mills, BC, V0M 1A1
Canada