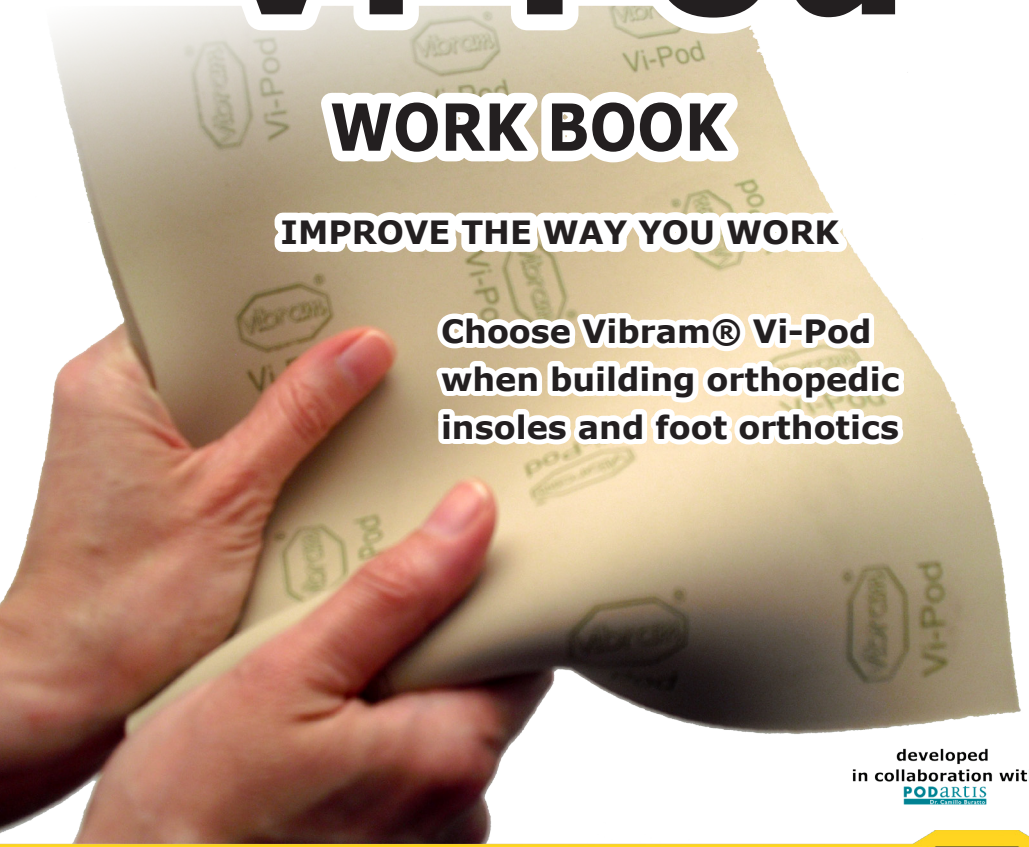
Vi-Pod

WORK BOOK

IMPROVE THE WAY YOU WORK

Choose Vibram® Vi-Pod when building orthopedic insoles and foot orthotics



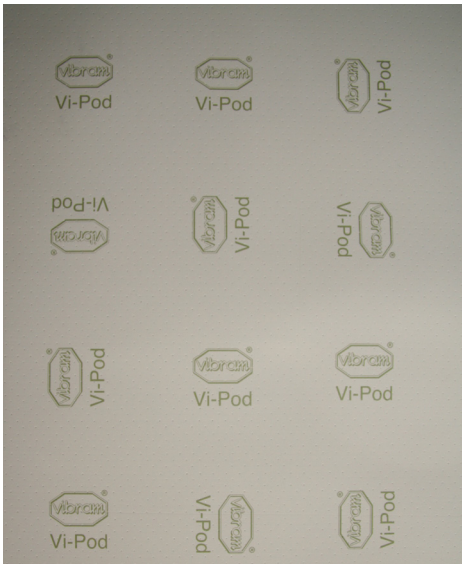
developed
in collaboration with
PODARTIS

High Performance Rubber Soles

www.vibram.com

KNOW VIBRAM® VI-POD

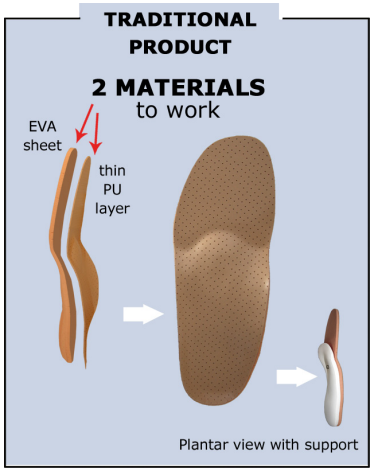
Vibram has developed an innovative **dermocompatible, anti fungicide and antibacterial** material for orthopedic insoles able to eqilibrate plantar pressure peaks using - instead than 2 - **one single material**.

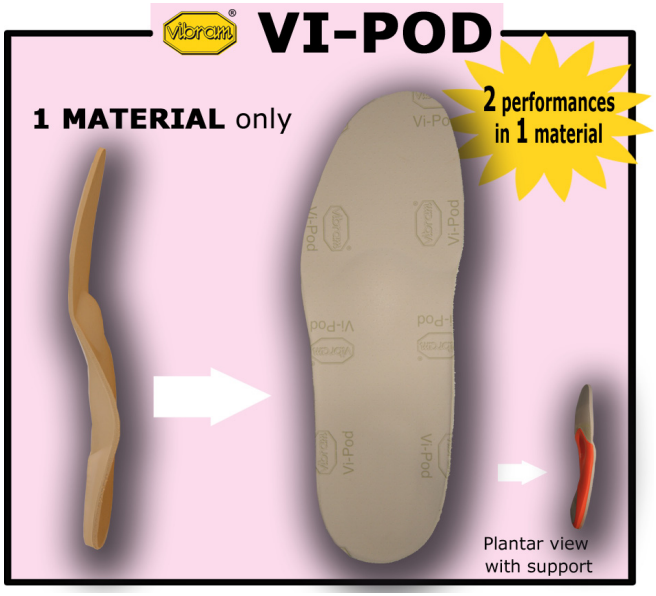


Vi-pod combines the thermoformable performance of the EVA with the protective effect of an high-performance cover.

Tested in Italy, Swiss and Germany

KNOW VIBRAM® VI-POD





KNOW VIBRAM® VI-POD

BENEFITS

Advantages in Processing

- Using a single layer material, Vibram Vi-Pod makes work time easier and processing time faster, therefore reducing costs.

Human Body Friendly

- Dermocompatible: doesn't cause allergic skin reactions
- Bacteriostatic: limits the growth of bacteria
- Fungicide: kills fungi and fungal spores

Product Performance

- Cushioning: dissipates energy more evenly
- High Memory Visco Elastic Material: Retains its original shape after repetitive use and material strain
- Cold Forming: by warming the material surface, Vi-Pod is mouldable using a cold press.

KNOW VIBRAM® VI-POD

TECHNICAL INFO

TRADITIONAL		VI-POD
Good [1]	Dermocompatibility properties	*Good*
-	Bacteriostatic properties	*Excellent*
-	Fungicide properties	*Excellent*
Good	Ability to dissipate energy	*Good*
Good	Ability to maintain the original shape	*Excellent*
Good [2]	Cold forming properties	*Excellent*

1-due to thin PU layer
2-technical restrictions due to thin PU layer

Vi-Pod technical specifications

TEST	MEASURE UNIT	STANDARD	VALUE
DENSITY	g/cm³	ISO 2781	0.20 - 0.28
HARDNESS	Sh - A	ISO 868	18 - 23
COMPRESSION SET (at 25%)	%	ISO 815	< 35
TEAR RESISTANCE	Kg/cm	UNI 4914	> 5
ANTIBACTERIC	-	SN 195/920	*Good*
FUNGAL PROTECTION	-	UNI EN 14119	*Good*
DYNAMIC COMPRESSION	-	TM 159 SATRA	*Good*

Vi-Pod cold forming instructions

THICKNESS	OVEN TEMPERATURE	TIME(min)	SIZE VARIATION*
2mm	90°C	2 - 4	< 1%
4mm	90°C	3 - 4	< 1%
6mm	90°C	5	< 1%

* Referred to the original diecut shape

Style: **8710**
Dimension: **800x500mm**
Available colour: **41 Canapa**
Available thickness: **2mm - 4mm - 6mm**

USE VIBRAM® VI-POD

In the following pages you will find a helpful user's manual for Vibram Vi Pod,

A series of Vibram Private Lessons will guide you thru every step of the process. From the choice of materials and processing phases, as we all as helpful information about re-work times and temperatures.

Developed in collaboration with the Italian company Podartis, a leader in the insole markets, Podartis proudly uses Vibram products to build its insoles.

VIBRAM® VI-POD 2mm

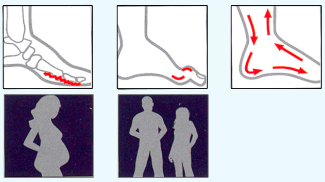
1 VIBRAM® VI-POD Thickness 2mm used as COVER IN FINISHED PROTECTIVE PHLEBOLOGIC INSOLES

Why choose Vibram® Vi-Pod:
- dermocompatible
- improves lymphatic drainage by 25%

Example shown: ***Podartis Venus Pad*** *built with* ***Vibram® Vi-Pod***

VENUS PAD

Phebological hypoallergenic insole ideal for sensitive feet and small meta tarsalgia. The cove, which has been dermatologically tested, uses nanotechnology to engulf the peeling of the skin, fungi and bacteria.



see legend at the end of the manual

Thanks to the specific shell of the insole, a "pump effect" takes place on the plantar sole, improving lymphovenous drainage. The fast memory cover helps the squeezing of Lejars venous sole.

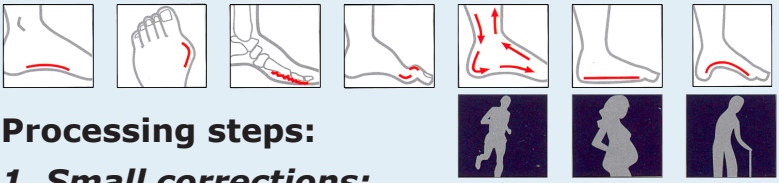
USE VIBRAM® VI-POD

2 VIBRAM® VI-POD Thickness 2mm used as COVER/BASE IN PRE MOULDED INSOLES COMPOSITE FIBERS

Why choose Vibram® Vi-Pod:
- dermocompatible
- thin layer of material reduces weight and bulk
- excellent compression set

Example shown: ***Podartis Metagold*** *built with* ***Vibram® Vi-Pod***

METAGOLD
A Highly elastic responsive orthotic. Super thin, reinforced elastic shell.



see legend at the end of the manual

Processing steps:

1. Small corrections:

Heat only the parts which need correcting using by using a blow dryer at 200° degrees for 15 to30 seconds.

Press the warmed product directly onto the patients foot.

USE VIBRAM® VI-POD

2. Custom cast use:

Heat only the parts which need correcting by using a blow dryer at 200° degrees for 40 to 60 seconds.

Using a vacuum, place the foot orthotic onto the custom cast.

Before

After

USE VIBRAM® VI-POD

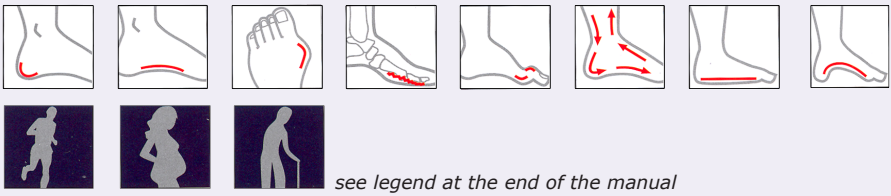
VIBRAM® VI-POD 4mm

1 VIBRAM® VI-POD Thickness 4mm used as BASE/COVER IN PRE MOULDED INSOLES COMPOSITE FIBRES

Why choose Vibram® Vi-Pod:
- dermocompatible
- excellent compression set

We take as example: ***Podartis Aporpidia*** *built with* ***Vibram® Vi-Pod***

APORPIDIA
Elastic reinforced shell base and cover in Diflex Light Gold and Vi-Pod.
Approved for diabetic foot and metatarsalgia.



see legend at the end of the manual

Processing steps:

Heat up a little the cover at 200° degrees for 10/15 seconds and shape under vacuum or directly on the patient foot.

USE VIBRAM® VI-POD

Heat the shell at 200° degrees for 40/50 seconds and secure the material to the cover. Taking the shell with the cover attached, press the material using a vacuum or by placing it directly onto the patient foot.

② VIBRAM® VI-POD Thickness 4mm used as BASE/COVER IN PRE MOULDED INSOLES EVA

Why choose Vibram® Vi-Pod:
- dermocompatible
- thermoformable
- easy to work with and modify

Example shown: ***Podartis V MAX*** *built with* ***Vibram® Vi-Pod***

V MAX
High density EVA bottom.
Base in Vi-Pod 4 mm.
Suitable for processing when using a cast.
Shock assorber insert.

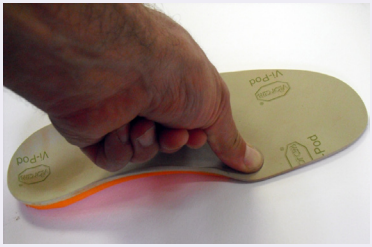
see legend at the end of the manual

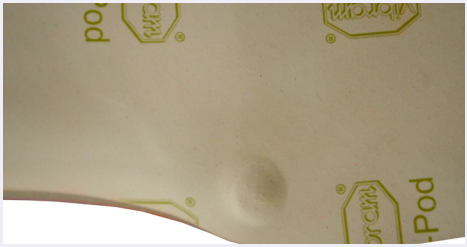
USE VIBRAM® VI-POD

Processing steps:

1. Small corrections:

Heat only the parts needing corrections by using a blow dryer at 200° degrees for 10 to 15 seconds.





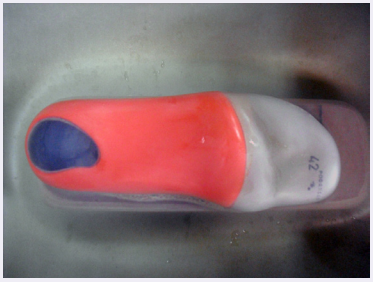
Apply pressure to the desired point, lowering the material to achieve the predetermined offloading.

Reshape the material to achieve the desired correction.

USE VIBRAM® VI-POD

2. Custom cast use:

Heat only the parts needing corrections by using an oven at 85-90° degrees for 3 to 4 minutes.



Put the insole under vacuum on the custom cast.

Finishing advices:

- *Use medium-grain sandpaper*
- *Set the cutter on high speed*
- *Do not press the material against the cutter to prevent overheating*

Legend

Medical problems


Hell pain


Plantar fasciitis


Hallux valgus


Ulcers


Metatarsalgia


Hammer toes


Peripheral vascular diseases


Flat feet


High arched feet

Intended user groups


Athletes


Pregnant woman


Elderly


For everyone

NOTE

NOTE

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