

STEP UP IN COMFORT

V12 FOOTWEAR

ESD

DYNAMIC ARCH INSOLES

MEN'S HIGH ARCH INSOLE (1 PAIR) VS210

SPECIFICATION SHEET

Description
Our high performing Dynamic Arch insoles have been designed with comfort, safety and durability in mind. Providing gentle support and added comfort for high arch foot types.

Safety Specification
Dynamic Arch Insoles are independently tested to comply with European PPE Regulations and, when used in conjuction with V12 safety boots, are approved for use under EN20345.

Size
Available in sizes: UK 3 - 13 (EU 36 - 48)

Material
Durable moisure wicking open cell polyurethane foam.

Washing Instructions
Machine washable upto 30°.
Do not iron or tumble dry.

Key Features
Active Carbon
Anti-bacterial properties neutralise unpleasant odours.

Eco-friendly recycled foam
Keeps feet dry and well-ventilated.

Cushioning System
Reduces aches and pains.

Anti-static
Reduces static build up. Stitch free for comfort.

Fully Breathable
For cooler, fresher boots.

Memory Foam Heel
Absorbs shock to help prevent knee, hip and back problems.

What Problems Can The Dynamic Arch Help?
Plantar Fasciitis
Dropped Arches
Chaffed Feet
Diabetes
Pronation
Supination
Tired feet

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Take comfort in the safety features

Classification	Test Performed	Safety Standards				
		S1	S2	S3	SBP	S1P
SB	Toe protection tested with 200J impact and 15kN compression force	✓	✓	✓	✓	✓
P	Penetration resistant outsole tested at 1100 newtons			✓	✓	✓
A	Electrical resistance between foot and ground of between 0.1 and 1000 mega ohms	✓	✓	✓		✓
E	Energy absorption of the seat region tested at 20 joules	✓	✓	✓		✓
WRU	Water resistant upper leather		✓	✓		

Additional test classifications

HRO	Heat resistant outsole compound tested at 300°C
CI	Insulation against the cold - temperature drops less than 10°C when tested at -17°C
M	Metatarsal protection - tested to 100J impact
SRA	Slip resistant on ceramic tile floor with sodium lauryl sulphate solution
SRB	Slip resistant on steel floor with glycerol
SBC	Slip resistant for both SRA and SRB

Foot comfort advice

When you spend all day on your feet, discomfort can cause all manner of medical problems, beyond simple aches. We've spent years researching the strains your feet come under and have prepared this chart to help you diagnose and alleviate some common causes of discomfort.

Complaint	Possible cause	Suggested action
Ingrowing Toenail Very painful if knocked.	Nails cut too short.	Cut nails square and wear wide fitting footwear with padded interior to protect toes.
Aching feet	Stiff footwear or footwear that flexes in the middle of the arch instead of at the ball of the foot.	Wear footwear with a shank – this means footwear bends with the foot and not against it.
Athlete's foot A fungal infection that thrives in dark damp places.	Sweaty footwear, or damp footwear that has not been allowed to dry out. Fungal infections can spread very quickly from one foot to the other.	Wear breathable footwear and make sure shoes dry out well overnight. Full grain leather is essential if leather footwear is required. Buy a new pair of insoles and use a recommended powder, available from chemists.
Hammer toe Toe(s) curl over and stiffen in an unnatural position.	Footwear that is too small or too narrow, causing toes to bunch up.	Wear footwear that is wider fitting and the correct size. All the V12 Footwear is wide fitting.
Bunions/corns Hard patches of skin on toes.	Narrow-toed ill-fitting footwear.	Wear wider fitting footwear to ensure feet have plenty of room.
Plantar fasciitis Inflammation of tissue on the bottom of the heel.	Poor quality footwear with little or no shock absorption.	Wear the V Shok II footwear to cushion the heel and consult your doctor.

Footwear care

Keep your footwear in top condition to maintain its comfort and extend its life.

1 Remove footbeds

At the end of a day's work, take out the footbeds and allow them to dry out and air properly overnight. Otherwise, dampness inside your footwear can cause bad odors and allow bacteria to thrive.

2 Regular cleaning

Brush the worst off muddy boots before wiping them with warm water. Allow them to dry out naturally – placing them on a warm boiler or in an airing cupboard can cause the leather to crack.

3 Insole care

Once a month, take out the insoles and run them through the washing machine for a freshen up.

4 Leather care

Getting footwear wet on a regular basis will eventually cause the leather to dry out and crack. To combat this, treat your boots occasionally with Chelsea Leather Food – this will rejuvenate the leather and keep its water resistant qualities.

5 Don't forget the socks!

Good quality socks made of natural material such as cotton will make all the difference to your comfort, providing good cushioning and wicking away moisture.

COMFORT MEANS A BOOT WELL WORN

At V12, we walk in our shoes first. From railway tracks to building sites, our fleet of V12 test pilots put our footwear through its paces. Years of research and development are stitched into every pair. The result? Safety boots that are as comfortable as the day is long.

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