

Foot Care & Protection

by  Shear Comfort™



The Shear Comfort™
Footwear Range
and Alluce Valgo® Solution
StandEasy Footwear



About Shear Comfort™

Healthcare Innovations Australia (HIA) is a provider of specialised skin protection products for the requirements of modern healthcare. We have over a decade of experience in the healthcare arena, because of this experience we understand three key things about modern healthcare: it can take time, it can cost money, and it can be complicated. But this need not be the case. We aim to address this with our range of products that not only improve the quality of life and assist in day-to-day living activities of the end user. We also offer the clinician, technician, or specialist an effective, affordable, and straightforward tool to achieve positive results time and time again. We do this through the Shear Comfort™ range, of which HIA is the sole producer.

The Shear Comfort™ range of footwear is manufactured from a medical grade natural wool based material meeting the Australian Standard for Textiles for Health Care Facilities and Institutions (AS4480.1) that is processed through an advanced, multi-stage tanning process. This ensures that not only do all Shear Comfort™ Foot Care products retain the natural and proven efficacy of natural sheepskin (pressure redistribution, shear reduction, water vapour dissipation, and heat control), but can also go safely through standard thermal disinfection procedures. Thus Shear Comfort™ products can withstand multiple washes up to 80°C, effectively killing any bacteria. A further benefit of the tanning process is that it makes the skins urea-resistant, meaning that the leather will not harden as a result of interaction with skin secretions.

All our footwear has been designed to offer the best protection possible, with all seams and attachments positioned so as not to interfere with the pressure care qualities. All Shear Comfort™ and XD1900™ Skin Care products are fire retardant and carry the medical Class 1 CE mark, meaning you can be assured of receiving the highest possible quality designed for specific medical benefits. Air Tec™ gives a matrix of small holes across the leather surface to aid in air and water vapour exchange, thereby increasing the product's effectiveness in wound prevention, healing, and comfort. See page 4 for Clinical Benefits for those with diabetes.

Shear Comfort XD1900™

Along with the Shear Comfort™ range, we also manufacture an XD1900™ range of footwear and skincare products. These products are manufactured through our proprietary manufacturing techniques of taking natural wool and weaving it into a density of 1900 gsm, i.e. more fibres per square metre than is possible in a natural sheepskin. This is done by weaving natural wool fibres onto fabric backing, creating a product which is more effective at redistributing pressure, lighter to carry, and easier to wash. The Shear Comfort XD1900™ range can even be washed with normal detergent above 80°C.



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This catalogue focusses on the Shear Comfort™ Foot care range. We also have a Skin care range for those at risk of developing pressure ulcers.



To find out more contact Healthcare Innovations Australia on 1300 499 282, E: sales@hiaus.net.au, or visit www.hiaus.net.au or scan the QR code.

Clinical Benefits

Why is Shear Comfort™ footwear so important for those with Diabetes?

Extended periods of high sugar levels experienced by people with diabetes lead to nerve and blood vessel damage. This leads to greater risk of damage to the feet and to slower recovery. Damage to the skin in turn leads to risk of infection, and often the need for amputation (lower extremity amputation is 15 to 46 times more frequent for those with diabetes). For the majority of diabetics who have had an amputation, life expectancy is low – of the order of two years on average. Therefore protecting the feet from damage can be a life-saver.

The damage caused by high blood sugar levels can have a knock-on effect on three types of nerves:

- Sensory nerves, leading to loss of sensation warnings of damage, pain, temperature, or vibrations
- Motor nerves, affecting lower extremity muscles resulting in changes to the shape of the toes and feet
- Autonomic nerves, resulting in reduction of sweat production, leaving the skin dry and at risk of cracking as a result

On top of this the effects on blood supply to the feet mean that any injuries will not heal as quickly as normal, which in turn means that cuts and blisters are at more risk of infection.

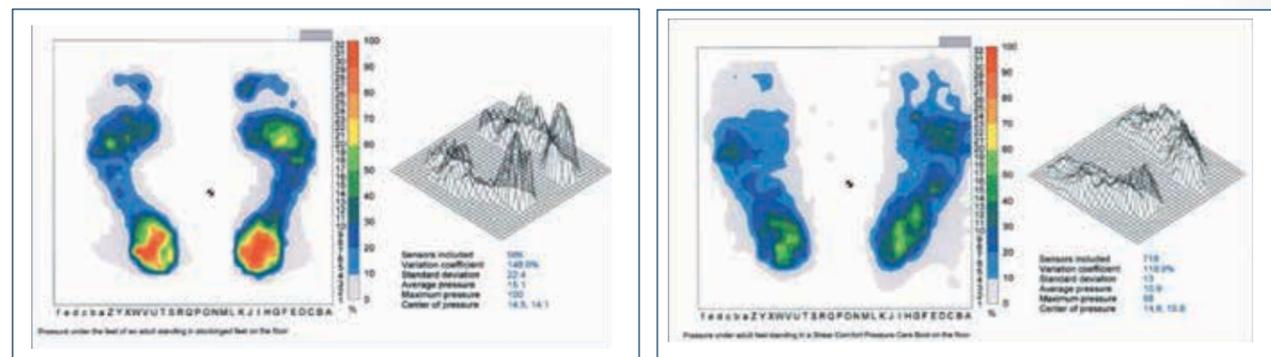
Shear Comfort™ footwear works to protect your feet in many ways:

- Their covered seams and high density wool help to protect the feet from external damage
- The pressure redistribution properties help to dissipate the build up of pressure, reducing the risk of internal damage
- The shear reduction properties of wool reduce the risk of friction damage
- The warmth from the air insulation in the wool helps to promote better blood circulation
- The moisture absorbing properties of wool reduces the risk of maceration from sweat accumulation



Pressure Redistribution

These two pressure maps show the pressure distribution under the feet of a stockings 90kg individual, first on a normal shoe surface, and then with Shear Comfort™ Pressure Care Boots™, showing the reduction of peak pressure points under the feet that the Pressure Care Boots™ provided.



DiabPro™ Series

Some individuals, especially those with diabetes, require a high level of skin and pressure protection, but also look for greater support of the foot especially at the heel.



Our new footwear, the DIABPRO™ series, for Diabetic Protection, provides an adjustable fit across the foot as compared with the other Shear Comfort™ boots, and also a posted support at the heel.

Fastening is by two Velcro® straps across the top of the arch of the shoe. The narrow sole gives a sleek look, and makes for easier walking. The sole can be built up with a rocker pad if required to assist in adjusting the gait pattern.

DiabPro™ Footwear (Pair)

Order Code	Name	Description
005238	DPRO XXS	DiabPro™ Extra Extra Small
003388	DPRO XS	DiabPro™ Extra Small
003395	DPRO S	DiabPro™ Small
003401	DPRO M	DiabPro™ Medium
003418	DPRO L	DiabPro™ Large
003425	DRPO XL	DiabPro™ Extra Large
003432	DPRO XXL	DiabPro™ Extra Extra Large



Classic Wrap Round Boot™

The Wrap Round Boot™ has been designed for those who require an easy to put on or take off item of protective footwear.

Comfort and an accommodating fit are ensured by the generous Velcro® strapping on the heel and top of the foot, allowing simple adjustment throughout the day to accommodate any changes in swelling. Incorporating a low profile rubber sole ensures the shoe can be worn outside as well as in, offering freedom of movement to the wearer.

The rubber sole does not affect the washability of the shoe. The natural properties of sheepskin ensure that comfort is provided to the foot as it is fully enclosed. The water vapour dissipation qualities of the wool ensure perspiration is effectively wicked away from the skin.

Classic Wrap Round Boot™ (Pair)

Order Code	Name	Description
002435	WRB XXS	Wrap Round Boot™ Extra Extra Small
002442	WRB XS	Wrap Round Boot™ Extra Small
002459	WRB S	Wrap Round Boot™ Small
002466	WRB M	Wrap Round Boot™ Medium
002473	WRB L	Wrap Round Boot™ Large
002480	WRB XL	Wrap Round Boot™ Extra Large
002497	WRBXXL	Wrap Round Boot™ Extra Extra Large

Slimline Wrap Round Boot™ (Pair)

Order Code	Name	Description
003449	SL XXS	Slimline Extra Extra Small
003456	SL XS	Slimline Extra Small
003463	SL S	Slimline Small
003470	SL M	Slimline Medium
003487	SL L	Slimline Large
003494	SL XL	Slimline Extra Large
003500	SL XXL	Slimline Extra Extra Large

Slimline Wrap Round Boot™

The Slimline Wrap Round Boot™ is for clients who have fewer challenges from swollen feet, and who do not require the full width of the Classic series. A further benefit is that the narrow width means the Slimline series is less bulky and looks more like ordinary footwear.



Pressure Care Boot™

The Pressure Care Boot™ is designed to provide comfort, support, and freedom to those at risk from skin ulcers of the foot or ankle.

As compared with the footwear on the previous two pages, the Pressure Care Boot's open toe design allows toe separation and inspection, without the need to remove the shoe.

The Velcro® straps around the heel and across the instep allow the shoe to be opened fully and adjusted to ensure that the shoe moulds comfortably to the shape of the foot, and can be adjusted as required to accommodate any changes in foot size through the day. The low profile rubber sole ensures the freedom to experience the comfort and support of the Pressure Care Boot™, both inside and out.

Pressure Care Boot™ (Pair)

Order Code	Name	Description
002350	PCB XXS	Pressure Care Boot™ Extra Extra Small
002299	PCB XS	Pressure Care Boot™ Extra Small
002305	PCB S	Pressure Care Boot™ Small
002312	PCB M	Pressure Care Boot™ Medium
002329	PCB L	Pressure Care Boot™ Large
002336	PCB XL	Pressure Care Boot™ Extra Large
002343	PCB XXL	Pressure Care Boot™ Extra Extra Large





Short Slipper Boot™

The Short Slipper Boot™ is designed to provide full foot protection, and is ideal for use indoors both in and out of bed.

The Velcro® strapping and tongue flap over the length of the upper part of the boots, ensures they are easy to put on and adjust throughout the day, providing adaptable security and comfort. By not incorporating a sole, the Short Slipper Boot™ moulds more easily to the foot, and allows the boot to be worn comfortably in bed.

The bony prominences of the ankle are one of the areas at greatest risk of tissue breakdown, and the boot design ensures this area is fully protected, providing comfort and increased protection when worn in bed, or with your feet up.

The natural properties of wool also help to keep feet warm, benefitting those of any age with poor circulation, and for many providing alleviation of the pain of arthritis.



Short Slipper Boot XD1900™ (Pair)

Order Code	Name	Description
003340	XDSSB XXS	Short Slipper Boot™ Extra Extra Small
003357	XDSSB XS	Short Slipper Boot™ Extra Small
003180	XDSSB S	Short Slipper Boot™ Small
003197	XDSSB M	Short Slipper Boot™ Medium
003203	XDSSB L	Short Slipper Boot™ Large
003364	XDSSB XL	Short Slipper Boot™ Extra Large
003517	XDSSB XXL	Short Slipper Boot™ Extra Extra Large

Short Slipper Boot™ (Pair)

Order Code	Name	Description
002367	SSB XXS	Short Slipper Boot™ Extra Extra Small
002374	SSB XS	Short Slipper Boot™ Extra Small
002381	SSB S	Short Slipper Boot™ Small
002398	SSB M	Short Slipper Boot™ Medium
002404	SSB L	Short Slipper Boot™ Large
002411	SSB XL	Short Slipper Boot™ Extra Large
002428	SSB XXL	Short Slipper Boot™ Extra Extra Large

Sovereign Snug™

The Sovereign Snug™ has a shorter wool pile than our other footwear, which gives it a slimmer look and a reduced bulk. With Velcro® fastenings and a non-slip suede sole, the Sovereign Snug™ offers comfort and support to the wearer and is ideal for use around the home or whilst travelling.

Sovereign Snug™ (Pair)

Order Code	Name	Description
002558	SNUG S	Sovereign Snug Small
002565	SNUG M	Sovereign Snug Medium
002572	SNUG L	Sovereign Snug Large



The Sovereign Snug sizes have been reformulated to match the sizing table on the back cover. As a result the former M is now described as an S.



Tall Slipper Boot™

The Tall Slipper Boot™ is designed to provide comfort, easy adjustment, protection, and support to the entire lower leg.

Protection of the whole lower leg makes the Tall Slipper Boot™ ideal for providing the necessary security to those at risk from ulcers of the legs and feet, or those with vascular problems.

Generous Velcro® strapping up the entire boot ensures that most lower legs or feet are accommodated securely and comfortably, despite any swelling, and can be readily adjusted

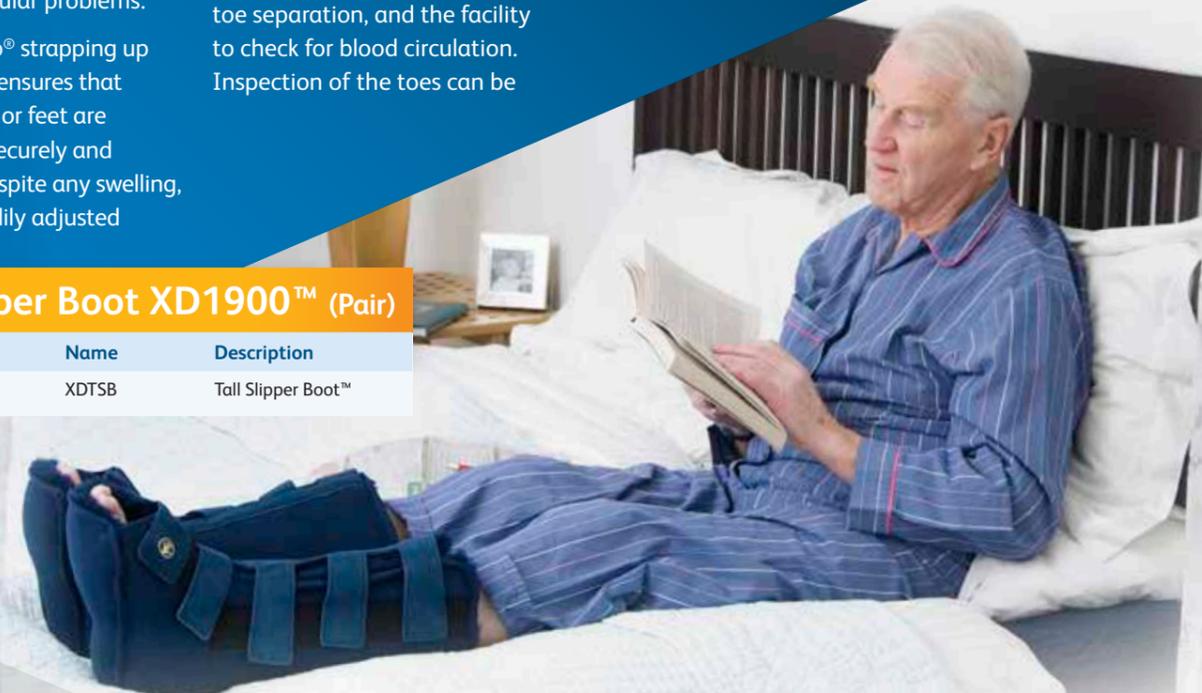
as required. This also ensures that the boot can be used in conjunction with compression bandages or support hosiery.

The open toe design ensures toe separation, and the facility to check for blood circulation. Inspection of the toes can be

carried out without the need to remove the boot. The Tall Slipper Boot™ has no sole, making it ideal for use indoors, including in bed or a reclined chair.

Tall Slipper Boot XD1900™ (Pair)

Order Code	Name	Description
005115	XDTSB	Tall Slipper Boot™



Heel Protector

Providing security and comfort to the heel and ankle areas, the Shear Comfort™ Heel Protector provides effective prevention of skin ulcers in these 'at risk' areas.

The wool wraps around the heel and ankle, while leaving the rest of the foot unencumbered, and is held in place by a Velcro® strap. Seams are positioned to be away from any skin areas at risk of ulcers.

Sold in pairs, the Heel Protector is made out of our XD1900™ material. XD1900™ is our extra density material, made from natural wool, but manufactured in such a way as to improve the wool fibre density and therefore the protective properties.

Heel Protector XD1900™ (Pair)

Order Code	Name	Description
002268	XDHP S	XD1900™ Heel Protector Small
002275	XDHP M	XD1900™ Heel Protector Medium
002282	XDHP L	XD1900™ Heel Protector Large



Total Foot Protector

The Shear Comfort™ Total Foot Protector is designed to provide protection and comfort for the whole foot, providing extra protection for the ankle and heel area. This product gives broader protection than the heel protector, and is the ideal product where protection is needed for just the one foot.

One size fits all. Sold singly.



Total Foot Protector

Order Code	Name	Description
005252	SBTFP	Total Foot Protector (Single)

Shampoo & Care Instructions



Pure new wool has a coating of protein over and around each fibre which acts as a shield and contributes to the air circulation which provides the unique comfort and therapeutic advantages of wool.

On woollen garments it is this protein coating that gives the unique feel of pure new wool. Shear Comfort™ Wool Shampoo and

Conditioner removes stains and contains a conditioning agent to lubricate the leather and enhance the performance of the wool fibre.

The shampoo includes Tea Tree Oil which is an antibacterial agent protecting against bacterial growth, controlling cross infection, and preventing odours, particularly in medical and baby products.

Shampoo

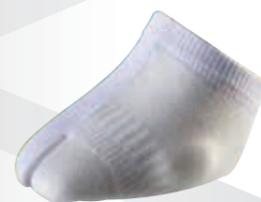
Order Code	Name	Description
002527	Shampoo 250ml	Wool Shampoo 250ml Bottle
000905	Shampoo 1L	Wool Shampoo 1Litre Bottle

StandEasy Footwear



Size Chart

	UK	EU	AU
S	1-3	34-36	1-3
M	4-6	37-39	4-6
L	7-8	40-42	7-8
XL	9-11	43-45	9-11



Minimax



Short



Medium



Long

'Alluce Valgo® Solution' StandEasy Footwear is a technologically innovative physiotherapeutic tool designed to embrace the foot and aid it in its functions, for those on their feet all day, whether standing, walking, or running.

Cotton, Lycra, and elastic nylon yarns are woven into bands that move with the foot during walking, producing a massaging affect that assists with lymph drainage and firming of the muscles of the feet. For those on their feet all day, our StandEasy footwear will provide extensive benefits for support, circulation, and maintenance of foot shape.

The different weave lines and areas of elasticity respect the natural strength lines of the foot muscles and joints, ensuring an ergonomic, comfortable, and supportive fit.

The 60% cotton content allows skin to breathe, making sure the sock remains comfortable all day long. Feet that are affected by Hallux Valgus or 'Bunions' can be relieved by the

targeted support which reduces rubbing of the metatarsal (big toe) joint against the shoe, and encourages the toe to rest in a natural position once firmly bound in the footwear.

The StandEasy footwear is available in 4 styles for different lifestyle needs. The **Minimax** may be worn underneath a normal sock and covers the foot from toe to arch. The **Short** size rests just below the ankle for discreet support in a variety of footwear, and the **Medium** size rests just above the ankle for extra warmth and ankle support. The **Long** version ascends to mid-calf to relieve swollen ankles which can sometimes become pinched by the shorter versions. All styles are available in black or white.

Alluce Valgo® StandEasy Footwear

Name	Description	S (1-3 Aus)	M (4-6 Aus)	L (7-8 Aus)	XL (9-11 Aus)
StandEasy Minimax White	Mid-arch StandEasy Footwear, white	10587	10600	10624	n/a
StandEasy Minimax Black	Mid-arch StandEasy Footwear, black	10594	10617	10631	n/a
StandEasy Short White	Trainer-style StandEasy Footwear, white	10044	10068	10082	10105
StandEasy Short Black	Trainer-style StandEasy Footwear, black	10051	10075	10099	10112
StandEasy Medium White	Ankle-length StandEasy Footwear, white	10129	10143	10167	10181
StandEasy Medium Black	Ankle-length StandEasy Footwear, black	10136	10150	10174	10198
StandEasy Long White	Long-length StandEasy Footwear, white	10204	10228	10242	10266
StandEasy Long Black	Long-length StandEasy Footwear, black	10211	10235	10259	10273

Shear Comfort™ Skin Care

For those looking to prevent and rehabilitate pressure ulcers, Shear Comfort™ offers a broad range of skin care products in addition to our footwear range, incorporating the great performance of Shear Comfort™ into overlays, wheelchair covers, and protectors for at-risk areas.

Shear Comfort™ Skin Care products are designed to facilitate effective and consistent skin pressure ulcer management. Thus our Skin Care range offers the following benefits: Skin Ulcer Prevention, Wound Healing, Improved Sleep, Cost Efficiencies, Infection Control, Hypoallergenicity, Fire Retardancy.

XD1900™

All of these overlay products are also available in our most recent innovation, XD1900™. XD1900™ is our extra density material, also made from natural wool, but manufactured in

such a way as to improve the wool fibre density and therefore the care properties. The manufacturing of the material ensures better consistency in wool density, reduces waste, and is kinder to the environment. At the same time you obtain equal or better shear reduction, pressure redistribution, temperature regulation, and perspiration absorption.

Contact Healthcare Innovations Australia for further information on our Skin Care ranges, or scan this QR code.



Shear Comfort™ Shoe Size Conversion Charts

								
	M	F	M	F	M	F	M	F
XXS	2.0 - 4.0	4.0 - 5.5	2.0 - 3.5	2.0 - 3.0	35.0 - 36.5	34.0 - 35.5	2.0 - 3.5	3.0 - 4.0
XS	4.5 - 5.5	6.0 - 7.0	4.0 - 5.0	3.5 - 4.5	37.0 - 38.0	36.0 - 37.5	4.0 - 5.0	4.5 - 5.5
S	6.0 - 7.5	7.5 - 9.0	5.5 - 7.0	5.0 - 6.5	38.5 - 40.0	38.0 - 40.0	5.5 - 7.0	6.0 - 7.5
M	8.0 - 9.0	9.5 - 10.5	7.5 - 8.5	7.0 - 8.0	41.0 - 43.0	41.0 - 42.5	7.5 - 8.5	8.0 - 9.0
L	9.5 - 10.5	11.0 - 12.0	9.0 - 10.0	8.5 - 9.5	43.5 - 44.5	43.0 - 44.0	9.0 - 10.0	9.5 - 10.5
XL	11.0 - 12.5	12.5 - 14.0	10.5 - 12.0	10.0 - 11.5	45.0 - 46.5	45.0 - 46.5	10.5 - 12.0	11.0 - 12.5
XXL	13.0 - 14.5	14.5 - 16.0	12.5 - 14.0	12.0 - 13.5	47.0 - 49.0	47.0 - 49.0	12.5 - 14.0	13.0 - 14.5

Dealer Stamp

