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ENERTOR



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PRODUCT GUIDE
WORN AND ENDORSED
BY USAIN BOLT

A white signature of Usain Bolt, written in a cursive style, located in the bottom right corner of the page.

THE ENERTOR® STORY

For twenty years, as RSscan Lab Ltd, we have been helping Premier League Footballers, Tour De France winners and Olympic champions to stay injury-free and perform better, with our made-to-measure insoles. In a trial by the British Army, these insoles were proven to reduce injury by 66%.

We are now bringing our expertise to the consumer market under the **ENERTOR®** brand, with our unique, shock-absorbing technology, to create off-the-shelf insoles, helping everyone to stay injury-free.

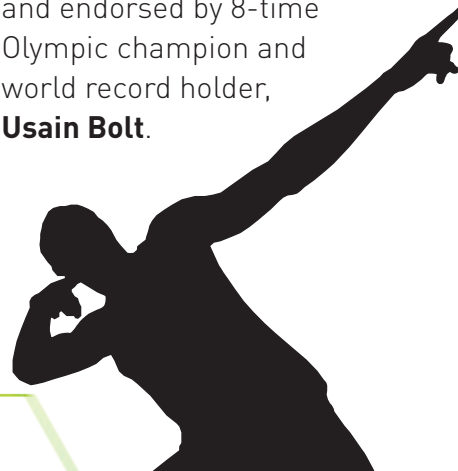
Our off-the-shelf insoles are now the only shock-absorbing insoles mandated by the British Armed Forces.

THE ENERTOR® DIFFERENCE

The **ENERTOR®** difference is a combination of our unique designs – based on studying data from over 50,000 of our patients – and our cutting-edge materials. We continually source the market to find the best possible materials for inclusion in our insoles.

Our insoles contain the revolutionary shock absorbing material D30®, which provides unprecedented levels of protection and endurance.

This is why our insoles are the only ones used and endorsed by 8-time Olympic champion and world record holder, **Usain Bolt**.



ENERTOR® INSOLE RANGE



KEY BENEFITS

- reduced pain
- reduced injury
- reduced stress
- reduced fatigue
- reduced shoe wear
- improved comfort
- improved muscle function
- improved posture
- improved performance



We all know how debilitating lower limb and foot pain can be and we all want to stay active and healthy. All **ENERTOR®** insoles are made with our unique technology, providing unparalleled shock-absorption, which helps with all kinds of foot and leg injuries and pain, such as: medial tibia stress syndrome, stress fractures, anterior knee, patellofemoral pain, achilles tendinopathy, plantar fasciitis, shin splints, runner's knee etc.

ENERTOR® insoles come in two main ranges: the **ENERTOR®** Comfort range (shown above in Orange) and the **ENERTOR®** Performance range (shown above in Green). The **key differences are the degree of stability and arch support** needed by each customer and **the style of shoe in which the insoles are to be worn**.

COMFORT INSOLE RANGE

The Comfort range has a flat profile, without arch support and provides our revolutionary shock-absorption protection along its full length, thereby spreading the load across the whole foot. It comes in three varieties: full length, 3/4 length and heel cup. The Comfort range fits into work, casual or sports shoes and is **suitable for everyone**. Many people wear insoles in trainers when exercising but underestimate their value whilst walking to work, shopping or doing the school run in formal/office shoes.

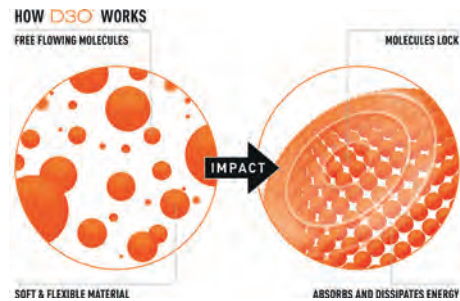
PERFORMANCE INSOLE RANGE

The Performance range, in addition to the shock-absorption, also has a moulded shank on the underside, which provides increased arch support and heel stability. This insole provides added control and prevents over-pronation, fatigue, pain, stress and injury. The Performance insole fits into most casual/sports shoes and walking/work boots and is **suitable for all kinds of sports, hiking or heavy-duty work**.

HOW IT WORKS

REVOLUTIONARY MATERIAL

D30® is a patented smart material, which cushions the foot when moved slowly, but on impact the molecules lock together to absorb and disperse energy, before instantly returning to their flexible state.



As a result, the material is particularly effective at reducing the shock arising from walking on hard surfaces or running. This reduces the ground effect forces moving through the body, significantly reducing lower limb pain and injury. The clinical benefits have been independently proven by a number of leading agencies, including Creative Medical Research and SATRA.



KEY BENEFITS

D30® is a non-Newtonian material, which is designed to create the optimum balance of the following characteristics:

- shock-absorption
- energy return
- thinness
- durability (up to 7x longer than standard insoles)
- softness
- stability
- flexibility

PROVEN CLINICAL BENEFITS*

- 91% of foot pain sufferers reported an improvement in their overall level of pain
- 75% of new sufferers agree that the insoles have helped HEAL their Plantar Fasciitis
- 83% would recommend the insoles to a friend

*Independently tested by Creative Medical Research

Numerous SATRA* tests have proven:

- Provide **61%** more shock-absorption than the market leader
- Superior durability with lasting performance
- **36%** energy return for improved performance
- **44%** shock reduction
- Require less material and are **60%** thinner than premium foam insoles

*SATRA is globally recognized as a research and technology centre in the footwear industry.

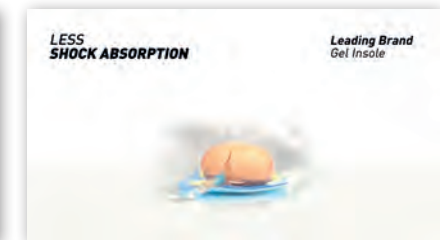
THE MATERIAL DIFFERENCE

UNRIVALLED SHOCK-ABSORPTION: THE EGG TEST

Two eggs are dropped from the same height...



one egg onto an ENERTOR® insole... ...another egg onto a leading gel insole.



The egg falling onto the ENERTOR® insole bounces back... ...the gel insole egg is not so lucky!

The results speak for themselves - the egg bounced off the ENERTOR® insole but smashed on the leading brand gel insole.

You can see the full video on our youtube channel <https://www.youtube.com/c/enertor>

COMFORT INSOLES

COMFORT - FULL LENGTH

Made from our revolutionary material from the heel to the forefoot, Comfort insoles provide instant relief and long-term protection. These insoles can be inserted into almost all shoe types and are designed to provide relief when walking or running. They are suitable for people who do not require significant arch support or prefer a neutral feel.

The insoles have been tested extensively by independent experts and the British Armed forces and are the only insoles proven to help heal Plantar Fasciitis. They are suitable for diabetics and those recently recovering from leg surgery. The insoles improve muscle function, reduce pain and fatigue and are extremely flexible.

ARMED FORCES RESULTS:

Following a medical trial on 30 troops, testing for injury reduction, the insoles were mandated as the only shock-absorption brand to be used across the British Forces.



FULL LENGTH SIZE			
EU	UK	US MENS	US WOMENS
36-37	3-4	4-5	5-6
38-39	5-6	6-7	7-8
40-42	7-8	8-9	9-10
43-45	9-10	10-11	11-12
46-47	11-12	12-13	13-14
48-50	13-14	14-15	15-16

COMFORT - 3/4 LENGTH

Great for everyday wear at work, or in formal shoes or when the shoes are too tight in the toe box to accommodate full-length insoles. The insoles are moulded for improved fit and will protect the heel as well as the mid-foot, made 100% from our revolutionary material. If walking around or standing all day in formal shoes, these insoles will give your excellent shock-absorption and a truly comfortable feel, helping to reduce any lower limb stress or pain.



HEEL & 3/4 SIZE			
	UK	US	EU
S	3-5	4-6	36-38
M	6-9	7-10	39-43
L	10-14	11-15	45-50

COMFORT - HEEL CUPS

Perfect for any type of formal shoes and high-heels, as well as trainers, hiking boots and work boots, when there is limited space for full-length insoles. Adhesive backing helps the insoles to stay in place. They are moulded to provide improved fit. Providing extra cushioning support for the heel, ideal for those with plantar fasciitis, heel and leg pain.



PROVEN TO HELP HEAL PLANTAR FASCIITIS
(FOOT AND HEEL PAIN SUFFERED BY 10% OF THE POPULATION IN THEIR LIFETIME)

PERFORMANCE INSOLES

PERFORMANCE - FULL LENGTH

ENERTOR® performance insoles are ideal for all kinds of sports, hiking or heavy-duty work. They reduce the amount of pronation and give maximum control and stability to the foot, with a supported arch, built-up heel and moulded stability shank underneath, aligning the foot with the lower limb, therefore reducing Tibia and Femur rotation and the stress this can put on your joints.

The Met Dome spreads the forces on the forefoot to reduce excess pressure. The insoles are made from 100% of the revolutionary shock-absorption material from heel to forefoot, helping to absorb the load across the whole foot. The insoles are water-resistant, lightweight and suitable for diabetics.

FULL LENGTH SIZE			
EU	UK	US MENS	US WOMENS
36	3	4	5
37	4	5	6
38	5	6	7
39	6	7	8
41	7	8	9
42	8	9	10
43	9	10	11
45	10	11	12
46	11	12	13
47	12	13	14
49	13	14	15
50	14	15	16

Other benefits

- improve muscle function
- reduce pain and fatigue
- flexible to ensure good functionality of the foot
- improve posture
- increased stability of the foot



ENDORSEMENTS



Elite Athlete Endorsement: Usain Bolt

Usain Bolt's endorsement and support for **ENERTOR**® are a direct result of his experience with the product.

His credentials and marketing power are second to none, as are his demands on the equipment he uses

His experience with the shock-absorption and injury prevention capabilities of the product has resulted in him not only wearing and endorsing **ENERTOR**® insoles but investing in the business.

Independent Expert Endorsements



"As a former SKY Pro Cycling Team physiotherapist, I use **ENERTOR**® insoles in my clinics to treat heel

and plantar fascia pain and reduce the chance of lower limb sports injuries."

Robert Grainger MSc MCSP HCPC CSCS



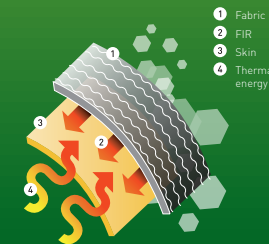
"The inclusion of D30® in **ENERTOR**® insoles is an exciting feature which is beneficial for many sports, as the innovative material enables

the insole to instantly respond and stiffen proportionally to the force applied, giving effectively customised behavioural properties. **ENERTOR**® insoles would be ideal for triathletes in particular because they facilitate the rapid transfer into shoes from barefoot that the sport requires

Dr Sue Barnett – Podiatrist at University of the West of England Bristol

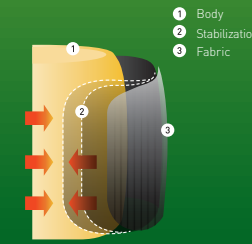
ENERTOR® BASE LAYERS & SOCKS

TECHNOLOGIES AND FIBRES



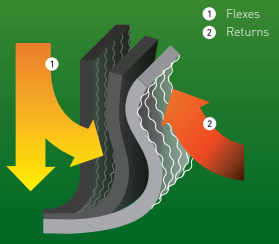
Nilit® Innergy

Nilit® Innergy yarn converts the naturally occurring thermo energy of the human body into Far Infrared Rays, the effects of which can be: increased energy levels; strengthened performance and an increased anaerobic limit during all sports activities.



EnergyKnit™ in baselayer

EnergyKnit™ provides stabilization of the fabric in relation to the body during physical activity. It can help prevent potentially unnecessary loss of energy and performance.



EnergyKnit™ in socks

EnergyKnit™ band flexes and returns in place during physical activity. Stabilizing the sock, it can help prevent potentially unnecessary loss of energy and performance.



NanoGlide®

NanoGLIDE® is an advanced fabric, which can eliminate friction, meaning less skin irritation, less heat built up and more comfort.



Graduated Compression

Advanced Graduated Compression technology by Intersocks, particularly effective in the recovery and preparation phases of training or competition. Improved circulation, enhanced oxygen delivery and decreased lactic acid can alleviate cramps and recover muscles faster.



Ventilation panels

Ventilation panels enhance breathability and help transfer moisture away from the body.