

NON WOVENS

Brochure of

Footwear

Logrotex
NON WOVENS

NON-WOVENS FOR FOOTWEAR

We produce felt for the footwear sector, always offering the highest quality and with strict **quality** controls as our watchword. Our felts are the fruit of the firm's commitment to **research** and **development** in new technologies, with a process of on-going **innovation** in our sector. We offer technical non-wovens for footwear, developed with the right properties for absorbing, dissipating and isolating moisture. They also absorb the impact shocks and static electricity which can affect the health of your feet.



APPLICATIONS

Among the most noteworthy application we should mention:

- Technical non-wovens for insoles and other thermo-formed components.
- Non-woven textiles for lining the inside of the shoe.
- Auxiliary non-woven elements, such as sweat-absorbing barriers and textiles with aromas which give a cool, comfortable sensation.
- Special treatments for different specific footwear needs.

We offer the possibility of manufacturing in different thicknesses, weights, sizes and treatments, so as to adapt our technical textiles to the needs of each customer.

Technical textiles designed to bring together the absorption and elimination of sweat and moisture properties, and resistance to scuffing. They are biodegradable and can be treated with anti-bacteria products. They are specially designed for thermoforming and to give the optimum comfort and ergonomics.

Presented in rolls or sheets, according to customer needs, and with a finish which can either be flat or calendered for better silk-screen printing.

Non-wovens

Thanks to the porous structure of our felts, they are excellent absorbers of heat and moisture, optimising your feet's natural transpiration. These characteristics mean that they can be used either as an external material (indoor footwear) or as inner linings and especially in insoles.

These non-wovens are tough, do not generate static, have high moisture absorption, low level of inflammability and are resistant to scuffing. In addition, they have excellent moulding capabilities and high dimensional stability.

Our products are subject to common commercial standards and, moreover, can meet specialised standards if so requested by our customers.



Lining

We also have felts in different weights for use in internal parts of the shoe and inner linings.



DAMP-PROOF NON-WOVENS

Products specially designed for sports shoes and safety footwear. The damp-proof finish provided by Logrotex gives our product a water-repellent effect. This technology allows us to manufacture insoles which ensure that the wearer's foot remains in a dry state for a long period of time, protecting it from infections and discomfort related to dampness.

The finish applied also gives ideal sturdiness for use flat or thermoformed designs.



Validation "pearling effect".

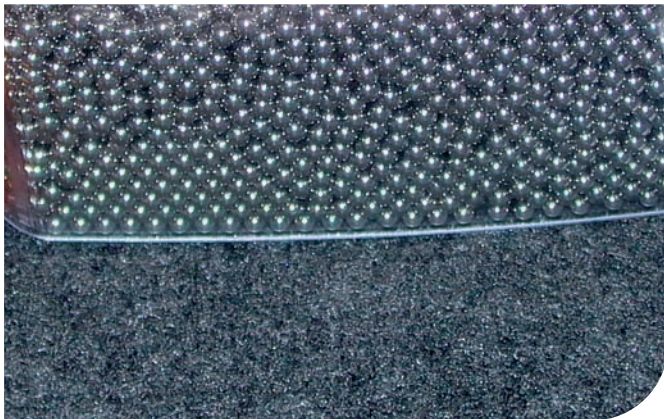


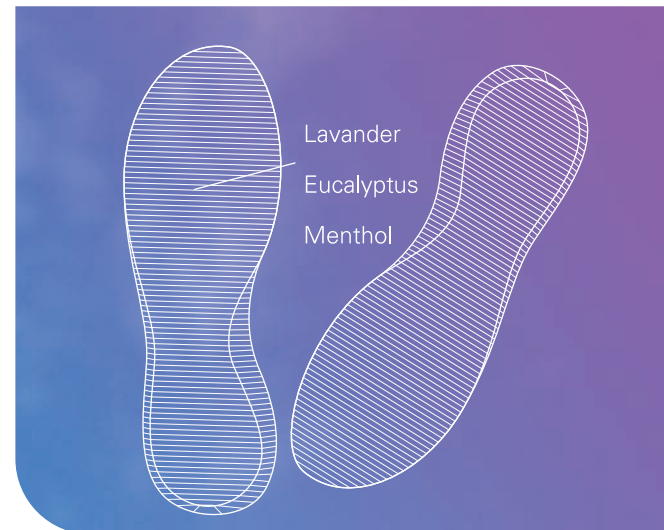
ANTI-STATIC ($< 0.3 \Omega$) AND CONDUCTING ($< 0.01\Omega$)

Developed especially for safety footwear which requires this characteristic.

The special fibres used in the design prevent the build-up of static electricity and offer the protection required in the event of accidental electrical contact. Very useful in the design of footwear in which it is necessary to minimise electrostatic accumulation through the dissipation of charges. This kind of material is suitable for general use as well, since it also has anti-bacterial properties.

For conducting footwear we make materials with very low resistance to minimise the electrical charge in the shortest possible time. With their discharge properties, they are specially designed to conduct and release the static electricity which builds up in your body as a result of friction with clothes or the air.

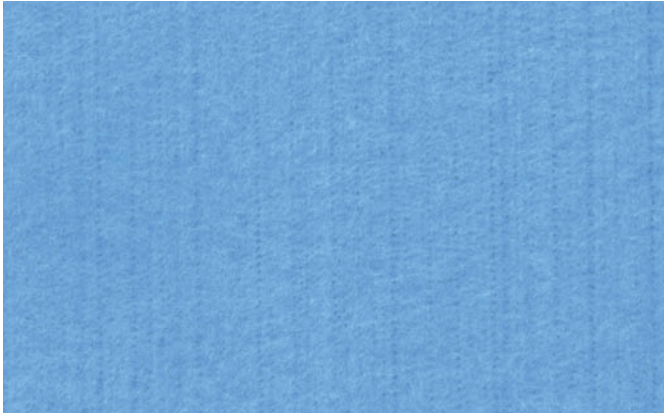




NANO-ODOUR FELTS

Our Nano-Odour products are made with compounds using nano-technology to prevent smelly feet, the spread of bacteria and fungal conditions in the feet, and maintain a pleasant fresh, rested sensation, while at the same time giving off a nice aroma. The nano-technology applied to these materials allow them to absorb the molecules which produce bad smells and neutralise them, at the same as emitting the desired aroma.

We have a wide range of aromas which, once incorporated into the insole, are activated by friction with the foot, giving off a soft fragrance which lingers throughout the insoles lifetime.



ANTI-BACTERIAL BARRIER

Anti-mycotic, anti-bacterial barrier which, thanks to its antiseptic technology, prevents the growth of micro-organisms at the same time as allowing your skin to breathe, ensuring a cool, healthy sensation with no bad odour.



FELTS FOR WADERS

Materials to prevent fishing footwear from slipping. The material is fixed to the sole of the wader or fishing boot and stops you slipping while also giving a better grip on the ground.



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C. Alberite, 11 - 17
26006 · Logroño · Spain
T.: + 34 941 211 211
F.: + 34 941 210 347
www.logrotex.com
logrotex@logrotex.com

