



Naturetexx[®] Plasma
Electricity + Air
Performance Merino without Chlorine.



WINNER

INDUSTRY
AWARD 2015



südwollegroup

Performance Merino without Chlorine.



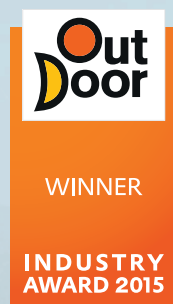
Features

- Machine washable Merino
- Hydrophillic - for faster moisture absorption
- Merino's natural properties
- Great fibre strength
- Good pilling performance

Environmental implications

- Chlorine and AOX free
- Electricity requirements met from Solar energy production
- GOTS and IVN Best certified for organic use
- bluesign[®] certification (in process)

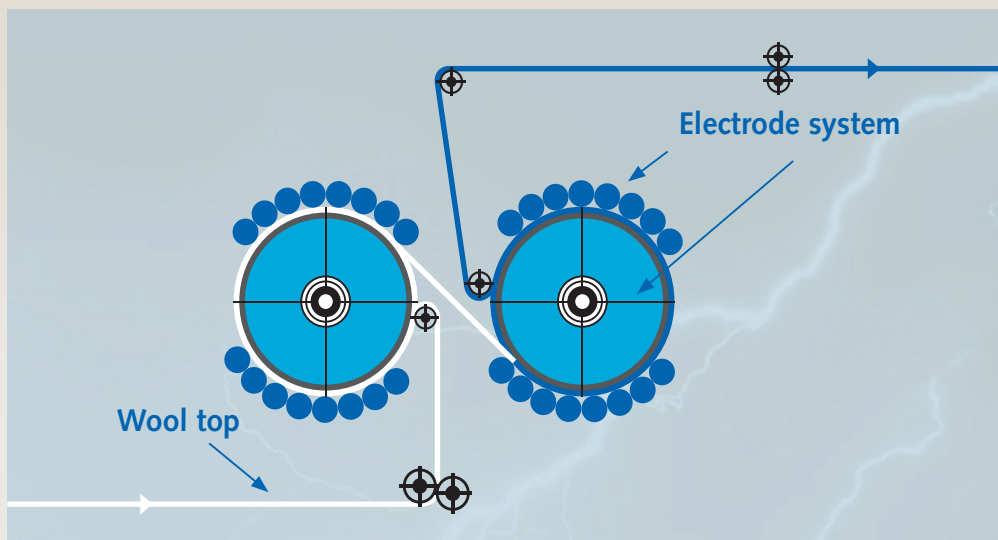
Naturetexx[®] Plasma received an Industry Award in the 'Sustainable Innovators' category at the 2015 OutDoor trade show



Naturetexx[®] Plasma treated yarns are available in a wide range of counts and blends, perfect for easy-care performance apparel.

The new environmental gold standard for machine washable Merino.

Südwolle Group has applied its know-how and environmental commitment to ten years of research into this technology, to offer the game-changing Naturetexx® Plasma treatment, which uses just electricity and air to deliver machine washable Merino.



How it works – Electricity + Air



A plasma field is created by discharging an electric voltage between electrodes in a controlled and consistent manner



As the energy is discharged the air between the electrodes is ionized – forming plasma



Merino passes through the plasma field, the surface of the fibre reacts with the plasma and the cuticle scales of the Merino fibre are modified



The modified fibre no longer felts during washing, but retains the natural properties of Merino



Plasma naturally occurs during lightning strikes, and is used widely, for example, in fluorescent light bulbs and flat screen TVs.

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Brands

