

DANTE – Anionic Hollow Viscose Fibre

Dante is an anionic segmented hollow viscose fibre which is collapsed in the dry state and swells when wet.

Due to its anionic load Dante absorbs nearly twice as much water vapour and four times more water than standard viscose holding the moisture firmly in the fibres' cavities.

Wet Dante fibres are **non-sticking** on their surface and support cooling by evaporation which makes them particularly suitable for wound care.

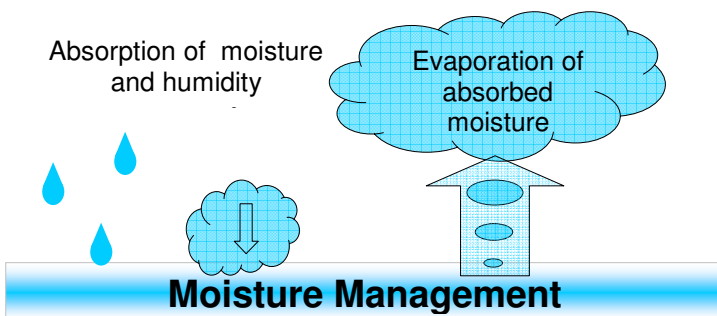
The anionic charge of Dante gives a unique **moisture management** and helps **protecting the natural pH** of the skin.

Dante can be used in 100% or in blends with other fibres, e.g. viscose, cotton or synthetics, for

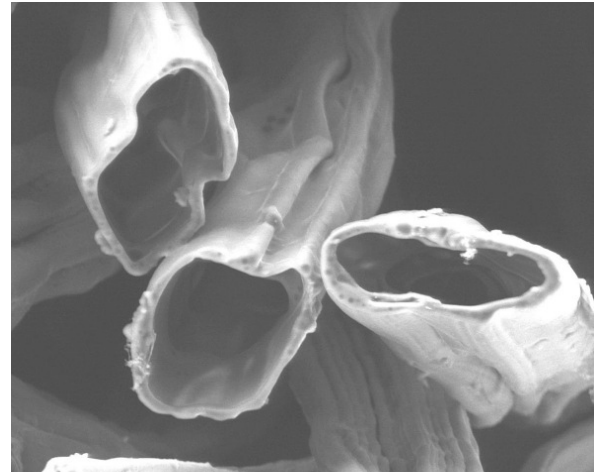
- Functional, humidity and moisture regulating textiles and nonwovens
- Wound dressings with cooling function
- Absorbent pads
- Incontinence aids

Dante can be processed on common textile and nonwovens technologies.

Moisture management of Dante



Cross-Section



Availability

Decitex	Staple (mm)	Lustre
3.3	40	Low
3.3	60	Low

Other dtex/staple lengths available on request

Property Profile

Fibre property	Unit	Dante
Tenacity	cN/tex	10 - 20
Elongation at break	%	16 - 26
Water retention (DIN 53814)	%	~ 300
Water vapour absorption	%	16.5

For more information about our products please email to: functionalfibres@kelheim-fibres.com or call Germany +49-9441-99219. Please visit also our website www.kelheim-fibres.com.

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