

A spiral fabric for high cleanliness and wear resistance

secolink.F

Maximised utilisation for maximised efficiency

Heimbach – wherever paper is made.



Drying with stability

Sustained cleanliness and high wear resistance increase the stability of the drying process:

Retained permeability

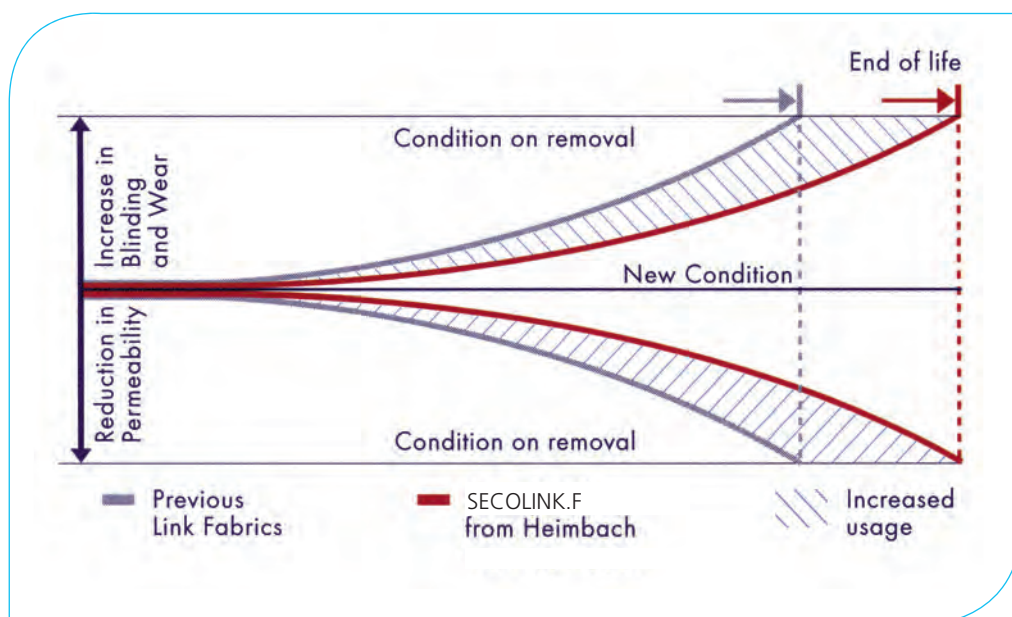
- Highest anti-contamination characteristics with new link material
- Adhesion of soiling materials minimised
- Significantly longer permeability retention over whole fabric life

Balanced ventilation

- Even surface conditions
- Low boundary air-layer
- Prevention of blowing
- Range of permeabilities with both filled and unfilled types of SECOLINK.F

Maximum wear resistance

- More wear resistant link material
- Ideal link cross-section
(thick enough for long life - fine enough for high contact surface)
- High contact area combined with strong spiral geometry providing high wear resistance on paper and roll side



Trend comparison: Blinding / Wear / Permeability

Efficiency and stability...

...at a high level and for long life in all positions and at all speeds

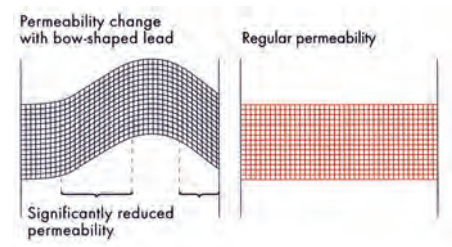
Excellent running characteristics

High dimensional stability

- Close set links
- Tightly wrapped CD filaments
- No fabric distortion
- Constant CD structure and dimensions

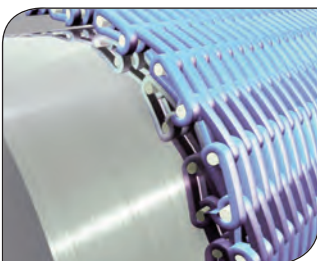
Reliable freedom from marking

- Even, smooth surface
- Fine flatyarn links
- No mechanical fabric marking
- Fast, even moisture removal
- Prevention of drying marks



Dimensional Stability

High quality cleanliness retention



Flexible spirals providing a high degree of self-cleaning

Also – structural anti-soil characteristics with the filled fabric types.

- Very smooth surface
- Fine links-narrow spacing
- Filler yarns prevent internal blinding
- No crater formation in fabric topography
- Significant prevention of soil adhesion
- Increased cleanability
- Self-cleaning effect due to spiral structure and individual flexible movement

Seam / fabric uniformity

- Seam and fabric links identical
- Also:
 - Links at right angle to seaming wire = unimpeded closing channel
- Identical seam and fabric tensiles

Drying with efficiency

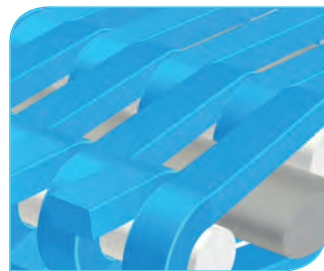
An extended contact area and a drying-active fabrics structure increase the drying efficiency:

Extended contact area

- Flat, parallel even surface
- Over 40% direct contact surface
- Fine flatyarn spirals for improved contact pressure
- High energy utilisation

Uniform drying profiles

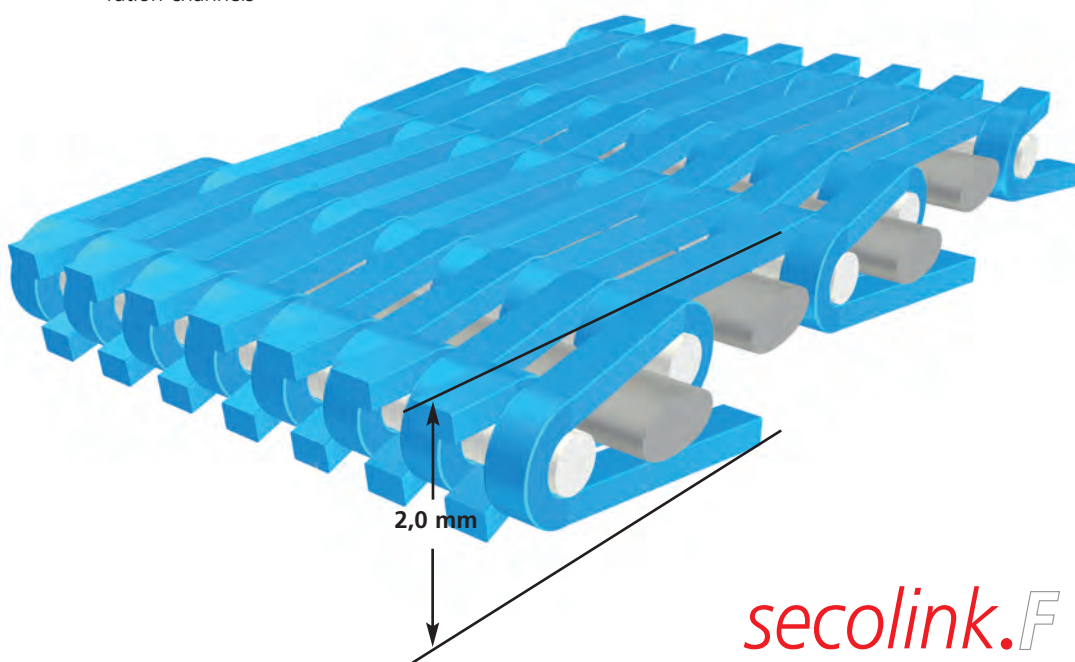
- High dimensional stability
- No lead or fabric distortion
- Identical permeability across the width



Extended contact area

Rapid moisture removal

- Fine and homogenous spiral structure
- Short and direct evaporation channels

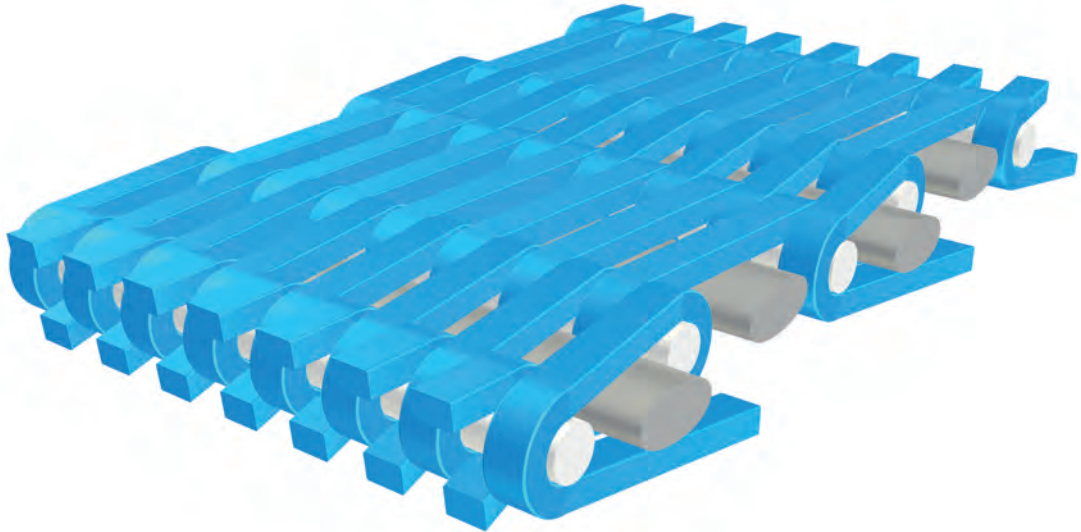


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Drying with stability...

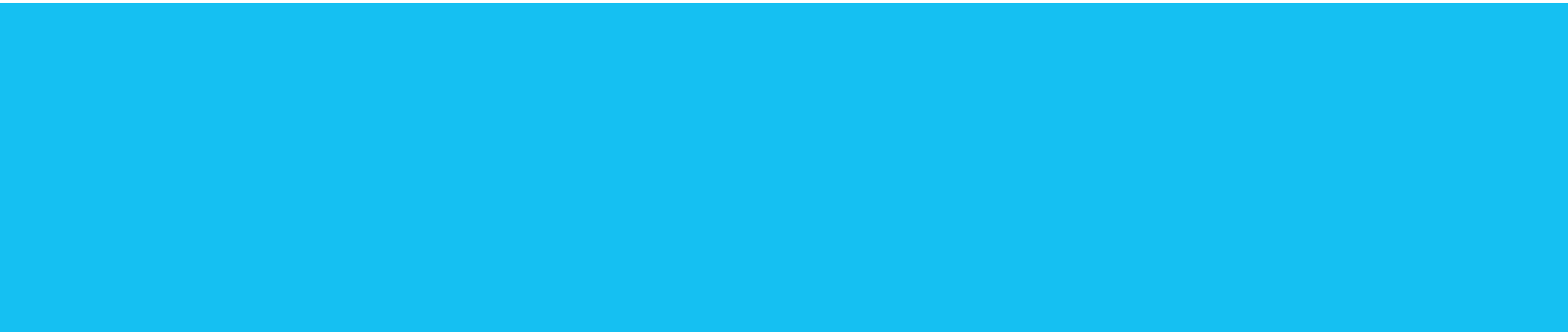
...that is maximising the application for improved profitability.

SECOLINK.F from Heimbach
engineered for economic success.



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...for high cleanliness and wear resistance



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