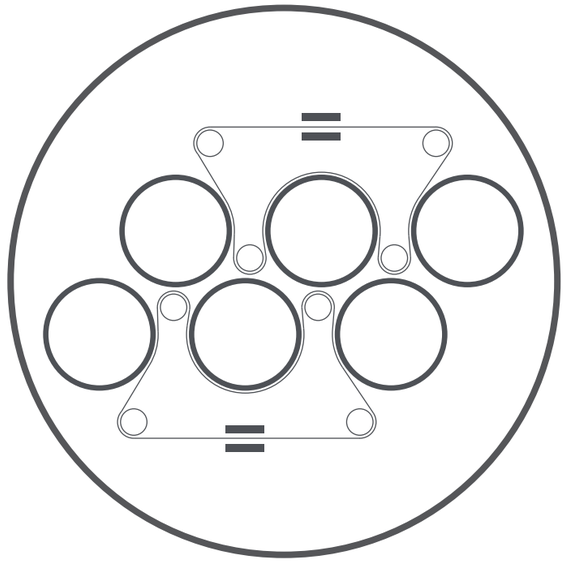
APPLICATION GUIDELINES

	Printing & Writing	Packaging	Bleached Board (White Top)
MONOTIER™ II R	●		
MONOTIER™ III R	○	●	●
MONOTIER™ III R-6	●	●	●
ULTRATIER™ II	●	●	○
ULTRATEMP™	●	●	○
MICROTEC® II	●	○	○
SPEEDTEC™ II	●		
CLEANTEC™ II		●	●

○ Good ● Best

These are generic recommendations.
Contact your AstenJohnson sales representative for a specific recommendation for your application.



Dryer Fabrics

PRODUCT LINE

www.astenjohnson.com

AstenJohnson

AstenJohnson

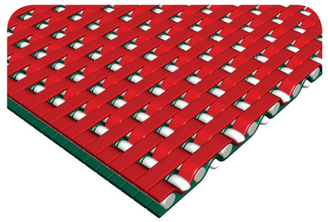
The MonoTier™ Concept

MONOTIER™ II R

MonoTier™ II R is a world class low perm design for high speed machines with smooth surface & very high contact area.

BENEFITS

- Reduced air carrying for improved sheet control
- Very high contact area for improved drying
- Smooth surface for improved sheet quality
- Low caliper results in less sheet stress
- Faster tail threading

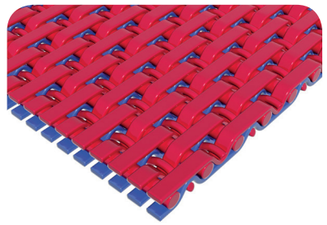


MONOTIER™ III R

The best-seller MonoTier™ III R is a robust high performance design offered in a wide permeability range for conventional dryer sections.

BENEFITS

- Heavy duty design with improved wear volume
- Increased heat transfer
- Faster tail threading
- Longer life

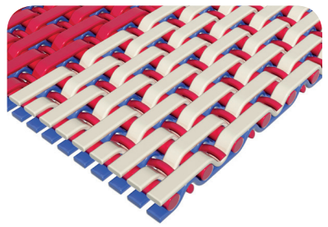


MONOTIER™ III R-6

This product is built on the MonoTier™ Concept with hydrolysis resistant reinforced edges (PPS).

BENEFITS

- Targeted use of hydrolysis resistant material on the edges
- Resistant to edge degradation from hydrolysis on paperside
- Maintain better wear resistance on machine side than PPS
- Heavy duty design with improved wear volume
- High contact area for improved drying
- Longer life

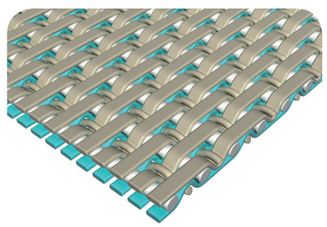


ULTRATIER™ II

Excellent balanced design for use where there is medium risk of hydrolysis.

BENEFITS

- 100% PPS paper side against hydrolysis
- 100% PET machine side with better wear resistance than PPS
- High contact area for improved drying
- Longer life

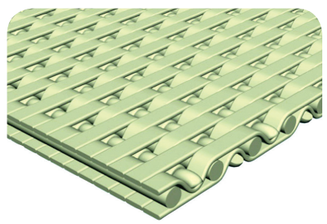


ULTRATEMP™

This product offers excellent heat and hydrolysis resistance (100% PPS) in the MonoTier™ Concept.

BENEFITS

- Highly resistant to degradation from heat & hydrolysis with 100% PPS
- High contact area for improved drying
- Smooth surface for improved sheet quality
- Longer life



AJ Smart Surface Technology®

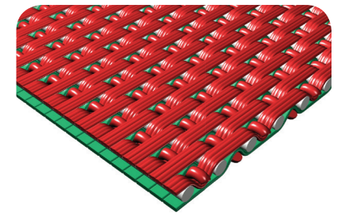
Introducing our Smart Surface TECHNOLOGY™ (SST) Platform of products offering a patented design with structured fabric surface for ideal contamination management through longitudinal grooves.

MICROTEC® II

This patented design is also built on the MonoTier™ Concept. The MicroTec® II dryer fabric is an all monofilament, low caliper fabric with high surface contact and low air carrying.

BENEFITS

- Incorporates longitudinal grooves on the paper side MD yarns for improved contamination management
- High contact area for improved drying
- Smooth surface for better sheet quality
- Longer life

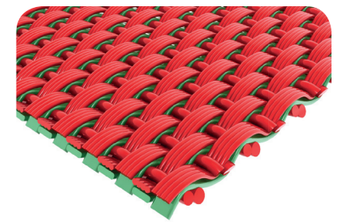


SPEEDTEC™ II

The SpeedTec™ II dryer fabric is designed to reduce sheet stress on single tier positions and also minimizes the impact of contamination on fabric performance.

BENEFITS

- Improved contamination management with the grooved MD top yarns
- Reduced sheet stress with the altered neutral line
- Longer life

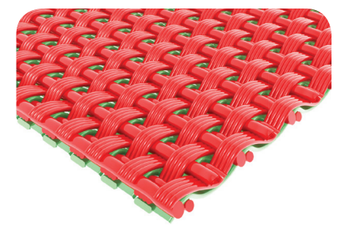


CLEANTEC™ II

With 25% more contact points than our MicroTec® design, the CleanTec™ II dryer fabric helps prevent the formation of contaminant particles, improving life and performance on positions where contamination is a major problem.

BENEFITS

- Increased life at optimum performance level
- Less cleaning requirements
- Improved drying by maintaining permeability



The common benefit of all MonoTier™ Concept & Smart Surface Technology™ designs is the improved security (damage resistance) by using two separate MD yarn systems.