

# Looking for Sustainability?



Among all chemical application systems for open width fabrics and nonwovens, only **Gaston Systems' CFS** offers:

- **Lowest moisture**
- **Lowest energy use**
- **Lowest waste**

... while providing optimum uniformity, control, and flexibility. We have 40 years' experience in the development and application of this technology.

**SEE IT AT ITMA 2011**

**CFS**® is uniquely versatile and precise at applying chemical treatments to fabrics and nonwovens. Using low moisture foam under pressure, **CFS** gives you more control and flexibility over chemical application than any other process.

**The benefits are substantial:**

## **Unique ability to explore new styling possibilities.**

Application independent of range speed, negligible migration, and control of penetration depth result in fewer limitations than other processes.

## **Improved product quality and/or performance.**

The CFS system applies chemistry with unmatched uniformity across the width of the substrate.

## **Significant energy and chemical savings.**

With CFS, you apply the exact amount of chemistry needed, so there's little waste. And its low wet pickup results in much less drying time.

*Over 400 CFS systems are in use worldwide. Have you looked into this successful, versatile technology?*

Used for coating, finishing, pigmenting, and producing new fashion styling on open width fabrics, nonwovens, and other substrates, CFS achieves precise, uniform application of chemicals at wet pickup levels as low as 5% and speeds beyond 3,000 ft/min. Treatments applied include:

### **Resins**

- Glycols
- Melamine formaldehyde
- Urea formaldehyde

### **Softeners and Lubricants**

- Cationic
- Nonionic
- Polyethylene enclussions
- Nonionic silicones

### **Weighters/ Binders**

- Polyvinyl acetate
- Polyvinyl alcohol
- Polyacrylic acid
- Acrylic latex, SBR
- Modified starch

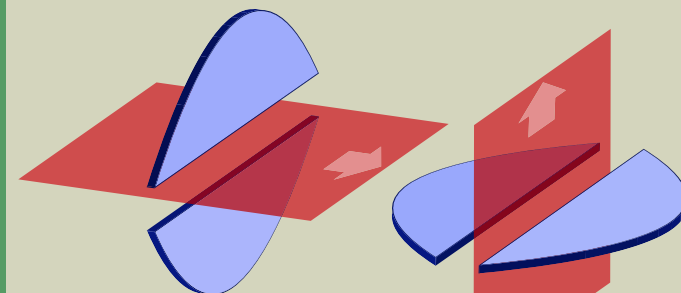
### **Dyeing**

- Direct dyeing
- Sulfur dyeing
- Pigment dyeing
- Reactive dyeing

- Dispersed Dyeing
- Indigo dyeing
- Vat Dyeing
- Indanthren

### **Functional Products**

- Soil repellents
- Oil repellents
- Water repellents
- Stain repellents
- Fluoro chemicals
- Release coatings
- Anti-slip coatings



Chemicals can be applied from any direction to one or both sides of the substrate. Different chemistry can be applied simultaneously with multiple applicators.

**Visit us at:**

**Hall H7, Stand A112 ITMA 2011**

**GASTON SYSTEMS**

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