



# Filter-Focus

National Nonwovens Filtration e-newsletter

## Filter-Focus, Fall 2007

### We Provide

- Advanced Filtration Systems
- Superior Hi-Loft without latex or chemistry
- High Performance Filtration Media
- Unsurpassed Uniformity & Durability

***National Nonwovens meeting tomorrow's demands today.***

### *Advanced Filtrations Systems*

*National Nonwovens offers you technology at the forefront. A filtration media with the ability to scavenge and neutralize sulfites, hydrocarbons and oxides of carbon, sulfur and nitrogen. This technology can be applied to existing or customer specific filtration products. Capabilities include:*

- An air filter for an auto shop that eliminates noxious chemicals from car exhaust
- Absorbent pads or cleaning cloths that neutralize mineral spirits
- Spill containment systems for a myriad of industries and manufacturing operations

All these and thousands of other possibilities are available through this amazing new technology.

## Technology

# Superior Hi-Loft Without Latex or Chemistry

Applying our superior needling technology to low density components for composite filtering systems, National Nonwovens is proud to present TFIL29 and TFIL30, low density needled nonwovens with superior resiliency and depth loading without latex or chemistry.

Conceived as an excellent pre-filter for the dust and fine particles, these products can be impregnated with activated charcoal or specialty chemistry for air liquid filtration. As a liquid filter these products can be used for viscous media such as paints, food processing, water, gasoline, and brine to name a few.

Other applications outside the filtrations market such as scrubbing wipes are limited only by your imagination.

	<b><u>TFIL29</u></b>	<b><u>TFIL30</u></b>
Weight (oz)	6.0	6.0
Thickness	.375	.188
Permeability(cfm)	550-(500-600)	550-(500-600)

Contact your Product Manager Amanda Butler for more information 410-620-4750 or to place an order call our Customer Service Department, 800-333-3469 Paul ext. 641, Gwen ext. 642 or Don ext. 643.

## On the lighter side

### Pomegranate Martini

**Ingredients:**

1-1/2 cups pomegranate juice  
2 oz. Absolute Citron Vodka or White Tequila  
1 oz. Cointreau Liquor  
Cup of ice

**Optional: splash of sparkling water**

**Optional: squeeze of lemon**

**Shake ingredients in a shaker and put in chilled martini glasses.**

**Put pomegranate fruit into glass for garnish.**



We would like to add a gossip column in the future. If you have any news, milestones or would like to share something with others in the industry please email Sandy at [sdaigle@nationalnonwovens.com](mailto:sdaigle@nationalnonwovens.com)

# Who's The Leader in Nonwovens

## National Nonwovens Manufacturing & Technical Capabilities

### Processing

Web Forming: Air Laid  
Carded Crossed Laid

Construction: Chemical Bond  
Felted Wool  
Needlepunch  
Thermo Bond

### Post Processing

Chemical Enhancement: Top Coat  
Saturate  
Wash  
Dye

Mechanical Enhancement: Press  
Calendar  
Glaze  
Singe  
Laminate (Composite/Adhesive Web/Pressure Sensitive Film)

Customized Processing: Slitting (minimum 3/8")  
Die Cut Shapes  
Tow (finish treatment) and (Cut to requirements)  
Special Packaging as required

### Research and Development

- Scaled equipment to replicate production equipment
- Engineered designed fabric support (for containment and ballistic protection)
- Specialized Testing FAR25-853-A&B (vertical burn)  
FAR25-856-A (radiant panel compliant)  
Forced loading capability (drop tower)
- Research and Development of new products

### Quality Control

- Controlled environment conditioning room
- Laboratory Equipment to evaluate:

Weight	Flame Resistance
Thickness	pH
Tensile Strength	Chemical Composition
Tear Strength	Color Matching
Thermal Stability	Fiber Identification
Wash & Dry Clean resistance	Absorbency
Mullen Burst	Permeability
Analytical capability to analyze products for material content and construction	