

*Fiber with Universal Appeal*



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# First-Quality Solution-Dyed

As the first to market solution-dyed nylon, Universal Fibers is expert at producing uniquely colorful and high-quality solution-dyed synthetic fibers for the flooring, transportation, industrial and performance textile industries, and have been for more than 30 years.

In addition to producing an outstanding array of first-run fibers with more than 250 core colors and millions of possible color combinations, our skills allow us to:

- Lead the way in sustainable technologies by developing post-consumer systems
- Generate high quality fibers with more than 80% pre-consumer content
- Manufacture multiple polymer types including nylon 6, nylon 6,6, PTT, PET and hybrid blends
- Offer exclusive twisting and entanglement technologies so different colors, deniers and polymer types can be combined

## Our Mission

Continuous improvement, constant innovation, cutting-edge technical support and dependable service, all in order to provide our customers with the broadest array of colors and fiber types of outstanding quality, durability and beauty.



## Statement of Quality

Our first priority at Universal Fibers is to create the highest-quality fibers possible. In keeping with this goal, our technical experts are constantly looking for ways to improve and enhance its color, antimicrobial properties and strength characteristics.

## Core Competencies. Core Benefits.

Supported by our history of success and state-of-the-art equipment, Universal Fibers offers a truly unique combination of abilities and strengths. These include:

- The largest core color selection offered in the industry
- Multiple polymer options
- Color technology that allows Universal to create a custom color match within 24 hours
- QuickShip Mergeable availability on half the core colors offered — product ships within 72 hours
- Recycled-content carpet yarns with antimicrobial features that contribute to a healthier environment
- Rapid small-lot turnaround



# Synthetic Fibers



# Markets We Serve

We are determined to fulfill the very highest expectations of each of the markets we serve, while providing them with a selection of colors and other qualitative options. These markets include flooring, transportation, industrial and performance textiles.

- **Flooring**  
Fiber for commercial, institutional, corporate, hospitality and residential flooring
- **Transportation**  
Fiber for flooring and interiors in the auto, air, marine, and transportation industries
- **Industrial**  
Industrial fibers for outdoor fabrics, tents, sails, webbing, ropes, luggage and more
- **Performance Textiles**  
Textiles for upholstery, fabrics, hosiery, spandex clothing, sewing thread and more

# Flexible Manufacturing with Customization

## Flexible Manufacturing with Customization

A selection of custom products are no problem for Universal Fibers. We offer multipolymers, nylon 6, nylon 6,6, polyester and polypropylene. This allows us to create an unlimited line of products. Below are a few accent yarns we offer in the BCF product line.



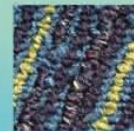
### Reflection®

Introduced in 2004, Reflection is 100% solution-dyed and offers a proprietary high performance with a reflective cross-section filament and metallic structure. With its sparkling optics and eye-catching beauty, Reflection is an ideal fiber for carpets in the entertainment and corporate segments. Available in both nylon 6 and nylon 6.6.



### Prisma® Fiber

Introduced in 1999, Prisma Yarn features 100% solution-dyed color accents using 200-denier-effect yarns. Available in both a nylon 6 and nylon 6.6.



### Silkworks®

Introduced in 2004, SilkWorks creates the appearance of complex wool and the soft elegance of silk fabrics, while delivering the durability to withstand the demands of the commercial carpet industry. The result is a sophisticated look at a competitive price. Available in both nylon 6 and nylon 6.6.

# Industrial Fiber & Performance Textiles

With their exceptional strength and durability, Universal Fibers brings something new to the industrial fibers and textile market by offering an unmatched selection of colors.

Versatile, solution-dyed, Universal Color® fibers provide superior ultraviolet stability with high-modulus and low-shrinkage capabilities. Thanks to their outstanding strength-to-weight ratios, these industrial fibers are ideal for a variety of commercial and industrial applications.

Universal industrial fibers are available in multipolymers and can be manufactured to meet a variety of product specifications, including knotted, twisted, braided and more.

End use applications include:

- |               |                                |                   |
|---------------|--------------------------------|-------------------|
| Cordage       | Luggage                        | Awnings           |
| Tires         | Backpacks                      | Outdoor furniture |
| Webbing       | Tarps                          | Office furniture  |
| Hoses         | Tents                          | Auto interiors    |
| Ropes         | Military applications          |                   |
| Fishing lines | Yachting and boating equipment |                   |
| Netting       | Utility and rescue lines       |                   |



# Universal Color®

*Because you can never  
have too many Colors*

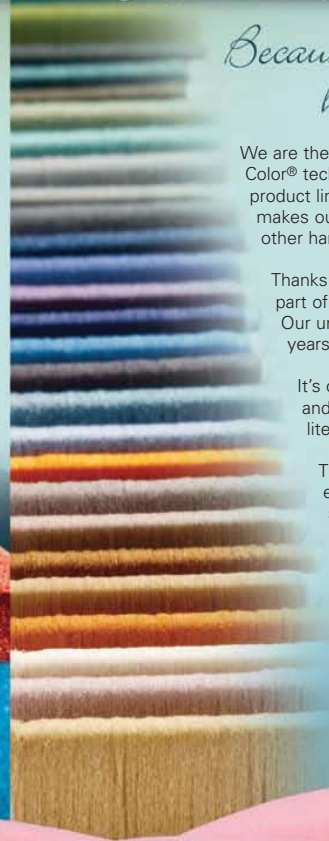
We are the first to market solution-dyed fiber, and our Universal Color® technology provides true consistent color throughout every product line we offer. Our total devotion to creating brilliant colors makes our products stand out beautifully while complementing each other harmoniously. Custom color is one of our greatest specialties.

Thanks to our solution-dyeing process, Universal colors are literally part of the fibers themselves, as opposed to added after the fact. Our unified process means that colors hold up to whatever the years of use might demand.

It's our devotion to color that makes us an industry fashion leader and has allowed us to create more than 250 core colors, enabling literally millions of color combinations.

This flexibility means we can match anything. Plus, our color experts are so adept that they can, in some cases, match a sample in 24 hours.

For interior designers, carpet manufacturers and the textile industry, Universal Fibers provides an unmatched selection of color combinations.





# Recycled Fibers

## First-Quality Recycled Fiber

### 1. Scrap Material

Scrap fiber packages, bag scrap and other forms of usable post-industrial nylon 6,6 material are received from a variety of sources.

### 2. Cut into Pieces

The material is cut into small pieces that can be easily melted.

### 3. Formed into Pellets

Once cut, the material is extruded into pellets.

### 4. Melted

Now with consistent pellets, fiber extrusion is done.

### 5. Extruded

During this extrusion process, additives and colors are introduced.



### 6. Spun

Spinning is performed to create the desired product.

### 7. Textured

Texturing is performed to make the fibers appropriate for their intended use.

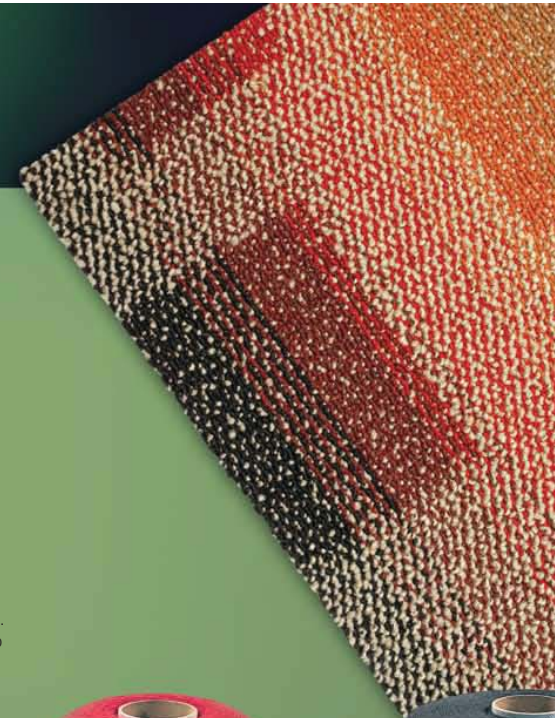
### 8. Yielding First-Quality Material

Exclusively from Universal Fibers, our first-quality recycled fibers have a majority portion that is pre-consumer reclaim resin.

Both environmentally responsible and fashionable, Universal's first-quality recycled fibers come in a variety of core colors and have thousands of color combinations. And with available QuickShip Mergeable, orders can ship within three days.

### Don't Just Take Our Word for It

Fortunately, these findings are confirmed by the internationally respected Scientific Certification Systems, an independent, third-party environmental authority.



# Company History

The fastest way to get what you want

Continuous improvement and constant innovation are more than just part of our mission statement. They are defining principles of our organization and have been since the beginning, in 1969. It's this spirit that has distinguished our past and sets our course for the future.



Universal Fibers recognizes that a large part of serving the needs of our customers is speed.

Several years ago, we created the QuickShip Mergeable program, which includes an array of mergeable nylon 6,6 colors that are available to ship in three days or less.

Each lot of the QuickShip Mergeable colors is specifically formulated to match perfectly, every time. This means that, if a color is ordered at several different times, the color will be consistent.

All other colors are available to ship in two weeks, and in the case of custom colors, two weeks after customer approval.

Disclaimer: Colors shown in this catalog are not exact and should only be used as a general guide for requesting sample swatches. Samples can be ordered at [www.universalfibers.com](http://www.universalfibers.com).

