








DuPont Filaments

DuPont Solutions for Success in Brushes

 <p>■ Superior filaments</p>	
<p>■ Brand strength</p>	 <p>■ Sales appeal</p>
 <p>■ Worldwide support</p>	

TEAM UP WITH DUPONT

To make brushes that work, brushes that sell, brushes that keep your customers coming back for more, team up with DuPont. DuPont has great filament products, but that's not all. Benefit from our knowledge of the brush industry, application know-how and worldwide resources to support you anywhere on the planet...when you team up with DuPont.

Leverage the marketing power of some of the world's best known, most respected brands when you team up with DuPont. Contact your DuPont representative to learn more about how you can use the power of the DuPont oval, the Tynex® trademark, and other DuPont filament trademarks for your packaging, advertising and promotional materials. To succeed in markets for dental care, paint, cosmetics, industrial finishing or floor care brushes... Team up with DuPont.

TOOTHBRUSHES



DuPont Tynex® filaments for toothbrushes give you power to build market share. Tailor toothbrushes to different market segments by choosing among filament shapes, sizes, textures, and colors. For interdental brushes, our fine-gauge filaments fill the bill.

What's hot:

- The Brilliance Collection. A winning combination of superior cleaning performance and the sales appeal of 12 sparkling colors. A unique glistening diamond profile has clinically proven superior cleaning performance.
- The Vista collection. Vivid colors are blended with a unique shading system to create strong visual positioning.
- The Galaxy Collection. With sparkling particles embedded in transparent colored filaments, the Tynex® Galaxy collection is a natural for distinctive toothbrush designs. And Galaxy is clinically proven to provide improved plaque removal
- Tynex® AntiBacterial filaments*. Proven lastingly effective and safe in laboratory tests, they guard against bacterial contamination of toothbrushes between uses.
- Tynex® Embossed. A unique textured filament provides extra scrubbing capability and special visual appeal.
- Tynex® with Teflon®. This brand can sell itself, and the filaments slide between teeth to enhance cleaning effectiveness.

PAINTBRUSHES

Manufacturers can target both professional and consumer markets by selecting from our different types of DuPont paintbrush filaments.



Brushes made with Tynex® nylon filaments and Orel® polyester filaments are available to meet both consumer and professional requirements. Chinex® synthetic bristle filaments are designed for the most demanding professional applications.

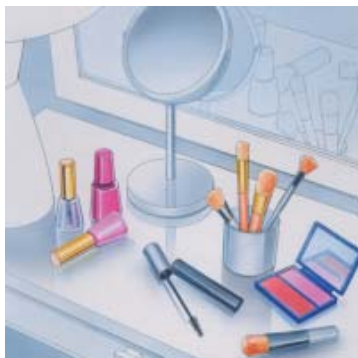
All DuPont paintbrush filaments have a tapered profile, which provides antidumping and reduced streaking advantages over level-profile filaments.

DuPont filaments are far more wear resistant and uniform than natural bristles, and they absorb less water so they retain stiffness better with latex paints.

By blending DuPont filaments, manufacturers can precisely meet brush performance requirements such as stiffness and paint coverage. Innovative DuPont software allows customers to estimate costs for such blends. Blending can help limit the number of different filaments required to make a range of brushes, thus cutting inventories.

DuPont helps brush manufacturers stay in tune with market trends by sharing the results of work with paint manufacturers to determine which filaments and brush designs perform well with new paints. For new brush designs, DuPont can confirm performance with laboratory testing.

COSMETICS BRUSHES



Tynex® filaments are well suited to virtually all cosmetics uses, such as nail polish, mascara and blush. They are tailored for top performance in pick-up, flexibility, stiffness and softness.

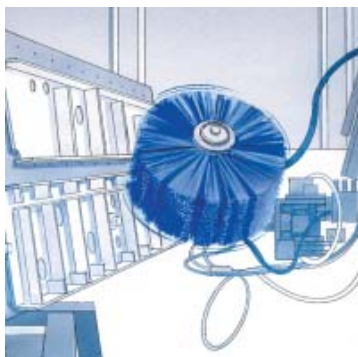
Tynex® AntiBacterial filaments* fight bacterial contamination of cosmetics brushes between uses. Their long-lasting effectiveness and safety have been demonstrated in laboratory tests.

Filament cross-sections and polymers have been developed for specific types of brushes. Depending on use and brush design, filaments can be round, wavy, textured, extra soft, hollow, quadrilobal or splittable.

For blush brushes, Tynex® offers far greater consistency and cleanliness than animal hair, and brush designs can be customized and filaments colored for special performance features and brand identification.

Because Tynex® is made to high standards for quality and uniformity, brushes perform consistently and manufacturing yields are high. Packaging features such as uniform spool tension also increase brush manufacturing efficiency.

INDUSTRIAL FINISHING



For finishing metal parts, wood products, printed circuit boards and other things, brushes made with DuPont Tynex® A abrasive nylon filaments save time and reduce cost compared with alternative methods. In replacing wire brushes, nonwoven pads or other abrasive media, brushes using Tynex® A filaments can deliver such major benefits as:

- Eliminating the need for finishing compounds or slurries
- Adapting to irregular surfaces for fully automated finishing
- Reaching into holes and cutouts to deburr interior surfaces
- Cutting and cleaning without gouging
- Providing uniform and consistent finishes
- Avoiding residue buildup, and the downtime it causes.

DuPont Tynex® A filaments are made with tough, stable nylon 612 polymer. Unlike standard nylon 6 and 66 polymers, nylon 612 maintains good stiffness for effective cutting in wet environments. Moisture absorption, which affects stiffness, is one half to one third that of the other nylons.

The cutting action of Tynex® A is provided by abrasive grits that are uniformly dispersed throughout their structure. Filament wear exposes more grit to maintain cutting or polishing efficiency. Unlike wire, Tynex® A filaments provide cutting or polishing action on their sides as well as their tips.

FLOOR CARE



Floor cleaning brushes made with Tynex® A are finding growing use. One brush lasts as long as 200 abrasive pads. And the same brush can both clean and polish.

Tynex® A filaments outperform competitive filaments, too. Made with nylon 612, they maintain their stiffness in wet environments far better than nylon 6 or 66.

LET'S WORK TOGETHER

Put the people at DuPont Filaments on your team. We're ready to serve your needs for filament products that perform, technical support, and information. Just contact the nearest office listed on the back. For online product information, visit www.dupont.com/filaments on the World Wide Web.

For more information about Tynex® filaments:

www.dupont.com/filaments

or contact one of the DuPont offices listed here:

NORTH AMERICA

DuPont Filaments
Route 892
Building 158
Washington, WV 26181
Telephone: (800) 932-2946
Fax: (304) 863-2779

SOUTH AMERICA

DuPont Filaments
P.O. Box 26
Al. Itapecuru, 506
Alphaville
06454-080 C. P. 263
Barueri—S.P., Brazil
Telephone: 55-11-72668744
Fax: 55-11-72668513

EUROPE, MIDDLE EAST, AFRICA

DuPont Filaments
P.O. Box 31065
NL-6370 AB Landgraaf
The Netherlands
Telephone: 31-45-532-91-91
Fax: 31-45-532-79-48

ASIA PACIFIC

DuPont Filaments
Che Gong Miao Industrial Area
District No. 5
Shenzhen, Guangdong
Peoples Republic of China
Post Code: 518040
Telephone: 86-755-330-7848
Fax: 86-755-340-0755

The DuPont Company assumes no obligation or liability for any advice furnished by it or results obtained with respect to these products. All such advice is given and accepted at the buyer's risk. DuPont warrants that the material itself does not infringe the claims of any United States patent; but no license is implied nor is any further patent warranty made.

*Tynex® AntiBacterial filaments are sold ex USA for use ex USA.

Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Medical Caution Statement," H-50102.

Tynex®, Tynex® A, Orel®, and Chinex® are registered trademarks of E.I. du Pont de Nemours and Company for its brands of filaments.



DuPont Filaments