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CELANESE
FINE FILAMENTS
COSMETIC OFFERING





NATRAFIL® (0101)

By delivering the science behind premium quality filaments, Celanese filaments has the reputation for meeting various, demanding requirements from cosmetic brush makers and professional make-up artists to fulfill consumer needs.

We create reliable and innovative solutions to meet your needs in brush designs with different shapes, colors, calipers, and packaging of cosmetic filaments, with a robust supply chain while providing product availability globally.

Application



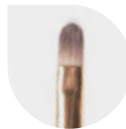
Powder
Brushes



Mascara
Brushes



Nail
Brushes



Lipliners



Eyeliners



False
Eyelashes



Facial Cleaning
Brushes

Product Description

- Textured solid round level filament
- Crimp available

Raw Materials

- Polyester

Diameters

- 0.064mm – 0.152mm
(2.5mil – 6mil)

Suitable for

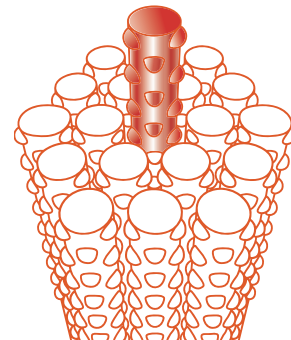
- Powder, mascara, nail and other cosmetic brushes
- False eyelashes or eyelash extensions

Values

- Structured surface
- Reduced coefficient of friction
- Designed to simulate animal hair for excellent powder pickup and release

Make-up Effect

- Higher pickup and release of formula
- Soft feel even in small brushes
- Lengthening effect



TYNEX® DIAMOND GLOSS (0990)

Product Description

- Diamond shape solid level filament

Raw Materials

- Nylon 612

Diameters

- 0.102mm (4mil)

Suitable for

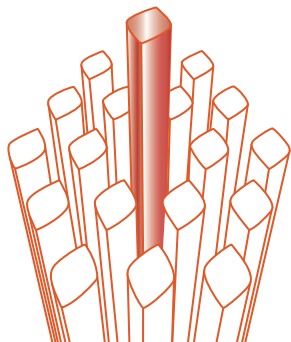
- Nail, mascara and other cosmetic brushes

Values

- Good stiffness when wet
- Diamond shape increases filament surface area
- Sparkly appearance
- Brush retains shape in use

Make-up Effect

- More volume is brought to the lashes due to unique diamond shape



TYNEX® SUPERSOFT (3100)

Product Description

- Solid round level filament
- Cylindrical shape

Raw Materials

- Thermoplastic elastomer

Diameters

- 0.063mm – 0.127mm
(2.5mil – 5mil)

Suitable for

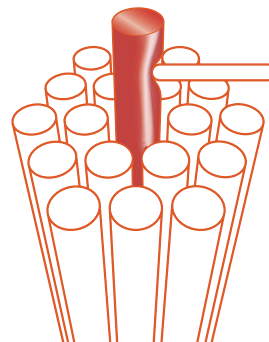
- Facial cleaning, nail, mascara and other cosmetic brushes

Values

- Soft touch
- Low stiffness even with large diameter

Make-up Effect

- Smooth release and flexible control
- Superior softness to enhance user experience



TYNEX® HOLLOW (0950 & 0951)

Product Description

- 0950: oval hollow filament
- 0951: round hollow filament
- Cylindrical shape

Raw Materials

- Nylon 612

Diameters

- 0.076mm – 0.152mm
(3mil – 6mil)

Suitable for

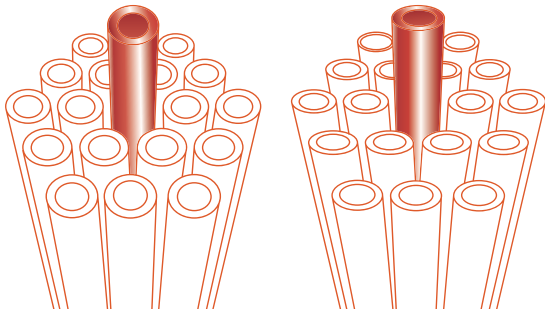
- Nail, mascara and other
cosmetic brushes

Values

- Lower stiffness than solid round
filaments
- Used for soft bushy brushes
- Hollow section enhances design freedom

Make-up Effect

- Soft and unique make-up experience due to
the softness of the hollow filament
- Bushy brush allows to carry thick bulk for
great volume result"



TYNEX® DIAMOND HOLLOW (0993)

Product Description

- Hollow diamond shape
level filament

Raw Materials

- Nylon 612

Diameters

- 0.127mm (5mil)

Suitable for

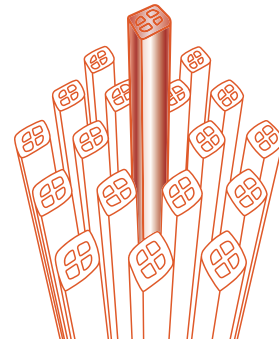
- Mascara and other
cosmetic brushes

Values

- Diamond shape increases filament
surface area
- Hollow section offers more softness
than Tynex® Diamond
- Sparkly appearance

Make-up Effect

- More volume is brought to the lashes
due to unique diamond shape while
keeping a soft feel



TYNEX® QUADRILOBAL (0920)

Product Description

- Four-lobed level filament

Raw Materials

- Nylon 612

Diameters

- 0.076mm – 0.178mm
(3mil – 7mil)

Suitable for

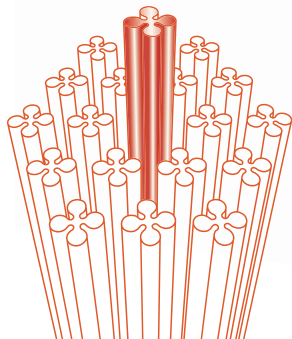
- Mascara and other cosmetic brushes

Values

- Up to 10% more surface area with 20% less volume, as compared to equivalent diameter of solid round filament

Make-up Effect

- Superior pickup and release



TYNEX® ROUND TEXTURIZED (0901)

Product Description

- Textured solid round level filament

Raw Materials

- Nylon 612

Diameters

- 0.076mm – 0.127mm
(3mil – 5mil)

Suitable for

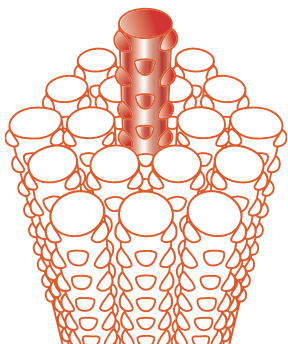
- Mascara, nail and other cosmetic brushes

Values

- Structured surface
Reduced coefficient of friction

Make-up Effect

- Higher pickup and release of formula
- Enhanced pickup prolongs hold of the formula up to the tip of the lashes, resulting in perfect and uniformly covered lashes from origin to the end



TYNEX® SEAHORSE (0960)

Product Description

- Round level hollow filament with four hooks on the edge

Raw Materials

- Nylon 612

Diameters

- 0.127mm (5mil)

Suitable for

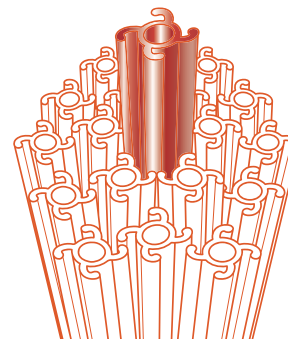
- Mascara, nail and other cosmetic brushes

Values

- Irregular shape formation allows for great amount of surfaced area
- Hollow section allows for design freedom

Make-up Effect

- Superior pickup and release



TYNEX® SPLITTABLE (0930)

Product Description

- Three hole hollow filament

Raw Materials

- Nylon 612

Diameters

- 0.102mm – 0.127mm
(4mil – 5mil)
- 0.279mm – 0.305mm
(11mil – 12mil)

Suitable for

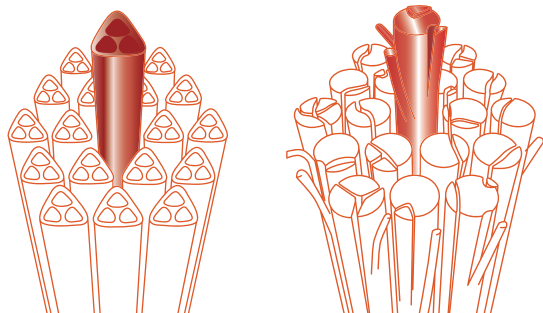
- Mascara, nail and other cosmetic brushes

Values

- Large diameter, splittable into fine tips
- More filament surface area improves brush performance

Make-up Effect

- Lengthens the lashes due to the splittable tips of the filament that retain the formula up to the end resulting in elongated look



TYNEX® SUPERSOFT SPLITTABLE (3170)

Product Description

- Three hole hollow filament

Raw Materials

- Thermoplastic elastomer

Diameters

- 0.279mm – 0.305mm
(11mil – 12mil)

Suitable for

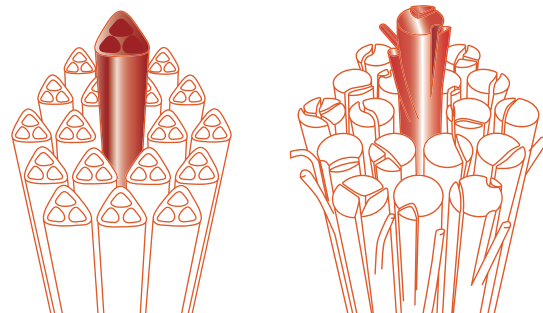
- Mascara, nail and other cosmetic brushes

Values

- Large diameter, splittable into fine tips
- More filament surface area improves brush performance
- Softer than Tynex® Splittable

Make-up Effect

- Multiple fine tip finishing and greater volume pickup results in voluminous and elongated lashes / make-up effect



TYNEX® RECTANGULAR (0900HAR/MAR)

Product Description

- Solid rectangular level filament

Raw Materials

- Nylon 612

Diameters

- 0.089mm x 0.051mm
(3.5mil x 2mil)

Suitable for

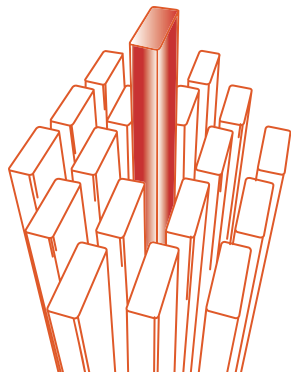
- Nail brushes

Values

- Self-alignment of filaments during tufting
- Good stiffness when wet
- Brush retains shape during use

Make-up Effect

- Precise delivery due to the flexibility of the rectangular filament that retains shape during use



TYNEX® TRIANGULAR (0980)

Product Description

- Solid triangular level filament

Raw Materials

- Nylon 612

Diameters

- 0.064mm–0.076mm
(2.5mil – 3mil)

Suitable for

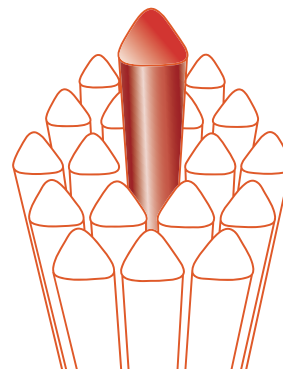
- Nail brushes

Values

- Good stiffness when wet
- Brush retains shape during use

Make-up Effect

- Excellent stiffness with effective nail polish holding and delivery thanks to the minimized clearance between filaments



TYNEX® CLASSIC (0900)

Product Description

- Solid round level filament
- Cylindrical shape
- Crimp available – deep, wavy, custom

Raw Materials

- Nylon 612

Diameters

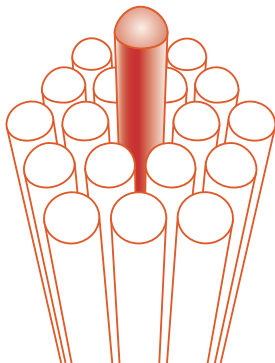
- 0.051mm – 0.127mm
(2mil – 5mil)

Suitable for

- Nail, mascara and other cosmetic brushes
- False eyelashes or eyelash extensions

Values

- Good stiffness when wet
- Excellent bend recovery



TYNEX® STACLEAN™ (2900)

Product Description

- Solid round level filament
- Cylindrical shape

Raw Materials

- Nylon 612

Diameters

- 0.051mm – 0.127mm
(2mil – 5mil)

Suitable for

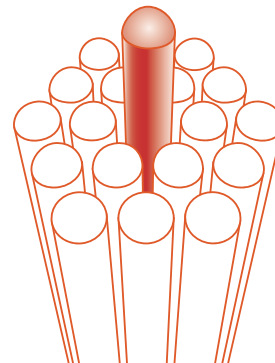
- Nail, mascara and other cosmetic brushes

Values

- Good stiffness when wet
- Excellent bend recovery

Make-up Effect

- Designed to inhibit microbial growth on filaments (>99%) demonstrated by third party results



TYNEX® SOFT (0902)

Product Description

- Solid round level filament
- Cylindrical shape

Raw Materials

- Nylon 612

Diameters

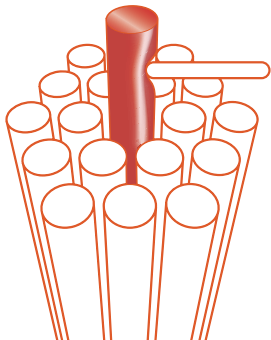
- 0.127mm (5mil)

Suitable for

- Nail, mascara and other cosmetic brushes

Values

- Soft feel
- Full brush
- Half the stiffness of standard Tynex®
- Smooth release in various applications
- Excellent bend recovery



COMMITMENTS TO SUSTAINABILITY AND GLOBAL PARTNERSHIP

Celanese filaments creates value by generating new and practical solutions together with clients and partners in the global network. We believe in inclusive innovation. This means we collaborate with customers, suppliers, governments, academic institutions, and others to develop innovative filament solutions for brushes.

Celanese filaments is always pushing the limits of what is possible, leading the way in technological advancement to fulfill our commitments to the planet. Our worldwide ISO-9001 manufacturing standards ensure manufacturing efficiency and product consistency. With high quality, great performance, and alternative solutions, we aim to contribute to overcoming environmental challenges

with our innovations, and in doing so, develop new business opportunities together with our customers.

Celanese filaments collaborates with stakeholders worldwide to develop innovative solutions. Partnering with Celanese filaments gives you access to more than just technical filament expertise and great filament products, you will also benefit from our knowledge of the brush industry, application know-how, and worldwide resources. This is how we fully support you, our customers.

