

# ultrasuede® ST

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### Ultrasuede® ST: The original standard of softness

Ultrasuede® is a luxurious yet highly functional non-woven material with a suede texture made possible by leveraging the most advanced fiber technologies at Toray — the inventor of the ultra-fine fiber.

Dependable thickness and softness packed with robust functionality, Ultrasuede® ST is a versatile, medium-weight material ideally suited for a wide range of applications, from apparel and accessories to industrial products and more. And now that it's made with partially plant-based polyester, Toray has improved Ultrasuede® in a substantial way — one that is helping us realize a carbon-neutral society.

- Soft touch, with luxurious texture
- Superior durability
- Breathability and permeability for true comfort
- Easy to care for and maintain
- Uniform and lightweight
- No fraying
- Made using 30% plant-based polyester

#### SPECIFICATIONS

Style: 8023

Composition: 75% polyester ultra-microfiber non-woven (30% plant-based) with 25% non-fibrous polyurethane binder

Width: 58" / 1,480mm

Put up: 33yd. / 30m R.O.T.

Thickness: 0.7mm

Weight: 6.8 oz per sq. yard / 230g per sq. meter

Fiber Fineness: 0.19 denier

#### QUALITY SPECIFICATIONS

(Physical Properties & Colorfastness)

CHARACTERISTICS	METHOD	SPECIFICATION
Tear Strength (N)	ISO 13937-1	≥ 7N
Tensile Strength (N)	ISO 13934-1	≥ 150N
Pilling Resistance	ISO 12945-1 (10 hours)	≥ Grade 4
Abrasion Resistance	ISO 12947-2 Wgt 12 kPa, 20,000 cycles	≥ Grade 3
	ASTM D 1044 Wgt 1000g, 500 cycles	≥ Grade 3
Color Fastness to Rubbing	ISO 105-X12	Dry ≥ Grade 4
		Wet ≥ Grade 3
Color Fastness to Light	ISO 105-B02 (Xenon)	≥ Grade 4
Color Fastness to Perspiration	ISO 105-E04	Color Change ≥ 4 Staining ≥ 3
Color Fastness to Washing	ISO 105-C06 B2S	Color Change ≥ 4 Staining ≥ 3

\*Values shown above are Toray measurements and not independently guaranteed.

### For inquiries, please visit: [ultrasuede.us](http://ultrasuede.us)

You may also contact our regional office directly:

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### To request swatches, please visit: [ultrasuede.us/sample\\_request](http://ultrasuede.us/sample_request)

#### CARE INSTRUCTIONS

Machine-washable in cold water, on delicate cycle, with like colors.

Use mild detergent. Do not use bleach.

Tumble dry or line dry.

Can be steam ironed on low setting, with a press cloth.

Please be aware that color migration may occur if dark-colored fabric is combined with white or light-colored fabric.

Dry cleanable by conventional methods, except for white (#5597)



Style: 8023



5597 White



3577 Bone



5598 Arctic



3576 Country Cream



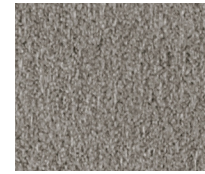
3591 Chamois



6675 Glaze



3594 Melange Beige\*



5600 Melange Grey\*



3570 Sand



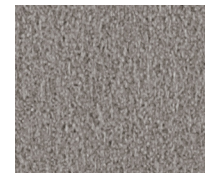
5359 Blonde



2907 Montauk



3575 Coffee Cream



5595 Silver Pearl



3571 Camel



5360 Moccasin



4682 Topiary



3590 Woodhue



5601 Executive Grey



3596 Clove



3573 Aztec Leather



4681 Egyptian Green

3571 Camel



8324 Tangerine\*



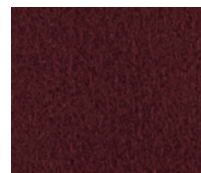
1467 Scoundrel



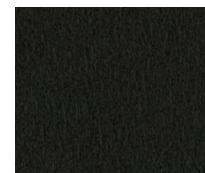
6676 Fuchsia



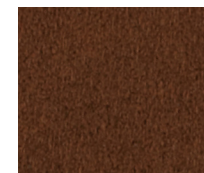
9500 Violine



1468 Bordeaux



4683 Forrest\*



3578 Brownstone



5361 Lemon\*



2908 Sky Blue\*



2904 Jazz Blue



9501 Zodiac



2906 Admiral



2905 Classic Navy



3572 Coffee Bean

\* New Colors

Note: We have made every effort to display the colors of products appearing on this PDF document as accurately as possible. However, as the actual quality of the colors you see will depend on your monitor or printer, we cannot guarantee that the colors displayed will be 100% accurate. We recommend that you obtain actual color swatches before making final selections. To request swatches, please visit: [ultrasuede.us/sample\\_request](https://ultrasuede.us/sample_request)

Ultrasuede® keeps evolving toward a future full of "Beautiful Possibilities."



5594 Black Onyx

## Ultrasuede® made of partially plant-based polyester: The world's first

In 2015, Toray started commercial production of plant-based Ultrasuede®, its non-woven material with a suede texture. Its recycled resources are derived from plants as part of its raw materials—a first-of-its-kind innovation.

Through Ultrasuede®, Toray is helping to build a carbon-neutral society by employing a chemical recycling system as well as by sourcing its raw materials from plant-based polymers. This provides the advantage of stable supply and quality and reliable traceability. With sustainable materials, we're proudly taking part in responsible manufacturing.

The advantages of biomaterials:

- Contribute to a non-oil-dependent society
- Secure supply and stable quality
- Reliable as raw materials (inedible, non-GMO, traceable)

## Toward 100% plant-based

As illustrated in the chart below, Ultrasuede® will continue to evolve toward utilizing 100% plant-based polyester, aiming to achieve a future full of "Beautiful Possibilities."

