

Nano-Tex® / Nano-Tex® + DuraBlock™ Nano-Tex® + BioAM

KnollTextiles

Product Overview

Nano-Tex provides exceptional soil and stain resistance without compromising the hand or look of the textile. Nano-Tex with the addition of DuraBlock creates a barrier against liquids to further protect the cushion. Nano-Tex with BioAM has an added non-leaching antimicrobial agent that controls microorganisms that cause odor and stains.

Nano-Tex can be applied to most fabrics sold by KnollTextiles. In this Topic Bulletin, there are lists of KnollTextiles upholstery, panel, and drapery fabrics that have been pre-approved for Nano-Tex and Nano-Tex with DuraBlock based on the fabric's specifications.

Nano-Tex Technology

Nano-Tex provides long-lasting stain resistance. Liquid and oil based spills like red wine, juice and salad dressing bead up and roll off without soaking in. The technology does not change the natural look, feel and breathability of the fabric.

Durablock Technology

DuraBlock is a liquid barrier that can be combined with Nano-Tex for added performance. Even under high pressure, no liquid can travel through the treatment into the cushion.

Environmental Benefits

This fabric system is recyclable when used on a 100% polyester product.

Ordering Details

- Nano-Tex Pricing: \$200 (\$200 CN) flat fee (5-65 yards). \$3.00 (\$3 CN) per yard for 66+ yards.
- Nano-Tex with DuraBlock Pricing: \$300 (\$300 CN) flat fee (5-30 yards). \$10 (\$10 CN) per yard for 31+ yards.
- Nano-Tex with BioAM Pricing: \$250 (\$250 CN) flat fee (5-70 yards). \$3.50 (\$3.50 CN) per yard for 71+ yards.
- Lead time: Additional lead time required.
- Minimums: 5 yard minimum (exception: KnollStudio orders, which have a 40 yard minimum).
- Application Testing: Additional application testing on Knoll furniture, office and studio may be required.
- Shrinkage: Due to normal shrinkage in the finishing processes, one additional yard of fabric must be included per order.
- Returns: Orders requesting special finishing are non-cancelable and non-returnable.

Upholstery Fabrics Pre-Approved for Use with Nano-Tex/Nano-Tex with DuraBlock

Abacus	Dristi	Kimono	Sandis
Alignment	Earthwork	Kinship	Satellite
Alpine	Echo	Knoll Felt	Shima
Arabella***	Eclat Weave*	Knoll Hopsack	Soliloquy***
Arno	Empire Stripe	Lyon	Sonnet
Bank Shot	Enmesh	Lyric	Spark
Bavaria	Entourage	Mamba	Spectator
Betwixt	Fibra*	Mariner	Spencer
Biota	Field Day	Masquerade	Spotlight
Bocce	Framework	Menagerie*	Spot On*
Brugge	Gala II	Mepal	Stacks
Cameo***	Galloway	Metro	Star Struck*
Canaan	Garden City	Mini Stitch	Stepping Stones
Cat's Cradle	Gibson	Monarch	Stirling
Cavalier	Grande	Night Life	Swing
Century	Grandview	North Island	Topography
Chance	Groove Line***	Obi	Transit
Charm*	Haiku	Paradigm	Tryst***
Chroma	Hampshire	Parasol**	Tudor
Chronicle	Harrison	Pogo	Tweed Frieze
Circa***	Haze	Pony Up*	Venue
Classic Bouclé	Hologram	Prep	Walker
Common Ground	Hourglass	Presto	Wide Angle
Cornaro	Hula Hoop	Quark	Worth
Coterie*	Icon	Ransom	Zephyr
Cricket**	Intrigue	Ricochet	Zipline
Cross Stitch	Jaipur	Rivington*	Zoom
Cuddle Cloth	Jubilee	Roundtrip	
Cummings	Kamani	Sablon	
Decade	Katazome	Sahara**	

Panel Fabrics Pre-Approved for Use with Nano-Tex

Annex	Criss Cross	Macro	Symbolic Details
Banyan	Element	Mezzo	Tailor Made II
Basket Draft	Foundation	Micro	Versatility
Bauhaus Block	Growth Spurt	Reflect	Weave Three
Broadcloth II	Interknit	Relay	
Clarity	Logic	Resolution	

* Already stocked with Nano-Tex finish

**Stocked with Nano-Tex with Durablock

***Pre-approved for Nano-Tex only

Cubicle Fabrics Pre-Approved for Use with Nano-Tex

Avenue	Garland	Sanctuary
Box Garden	Hideaway	Tonic Stripe
Candid	Ideology	Waters Edge
Divine	Lanterns	Whimsy
Enchantment	Passages	
Expression	Pick Me Up	

Drapery Fabrics Pre-Approved for Use with Nano-Tex

Lights Out
Slumber

Nano-Tex Cleaning Instructions

Spills and stains should be removed from fabrics as soon as possible. If spills are removed immediately, there will be minimal to no staining on the fabric. If spills go unnoticed for a period of time and staining occurs, the Nano-Tex enhanced fabric will clean easily and quickly with proper cleaning procedures.

Liquid Spills

Absorb quickly with a dry clean cloth. Gently blot (don't rub) spill immediately with an absorbent cloth while spill is still fresh. Wipe off with clean water and a dry clean cloth if needed.

Semi-Solid Spills

Try to lift the spot off of the fabric. Working in a circular motion or removing the spill from the side is often the best means to lift spills from the fabric. Change towel surface frequently until spot has been transferred off of the fabric and onto the absorbent cleaning cloth. (Try to avoid pressing the spill or spreading the stain.) Wipe off with clean water and a dry clean cloth if needed.

Stubborn Spills

If a spill does not come off with water and a dry clean cloth, add a mild detergent mixed with water and repeat circular motion (mild detergents include Sport Wash, Tide Free, or Cheer Free).

If a stain remains, a solvent may be needed to remove the stubborn stain. It is recommended to use odorless mineral spirits, dry cleaning fluid (Perchloroethylene) or Fantastik Orange Action All Purpose Cleaner.

Wipe off with water and a dry clean cloth. (Do not rub harshly. The harder you rub when cleaning a spill, the deeper the soil can penetrate between the fibers.) Remove all soap residue from the surface with clean water.

Notes

If the wrong type of cleaner is used, the fabric could be permanently damaged. Some stains may require a second cleaning to achieve satisfactory results. If there is detergent residue causing re-soiling, remove it using a hot water extraction method with clear water.

Test Cleaning Results

1 gram of staining material is applied to the fabric and allowed to sit for 24 hours. Excess liquids are removed with a dry towel; excess solids are removed by scraping or brushing with a soft bristle brush. If pre-cleaning does not completely remove the stain (grade < 5), then the fabric may be cleaned using methods above. Fabric is then graded according to the following scale:

	5 <i>No stain.</i>	4 <i>Slightly stained.</i>	3 <i>Noticeably stained.</i>	2 <i>Considerably stained.</i>	1 <i>Heavily stained.</i>
STAINS (APPLIED TO NANO-TEX TREATED FABRICS)	100% POLYESTER/ POLY BLENDS	100% NYLON/ NYLON BLENDS	100% COTTON/ COTTON BLENDS	100% WOOL/ WOOL BLENDS	RAYON BLENDS
Coffee	4.5	4.5	4.5	4.5	4.5
Mustard	5	5	5	5	5
Ink	4.5	4.5	4.5	4.5	4.5
Salad Dressing	4.5	5	4.5	4.5	4.5
Betadine	4.5	4.5	4.5	4.5	5
Red Wine	5	5	5	4.5	5