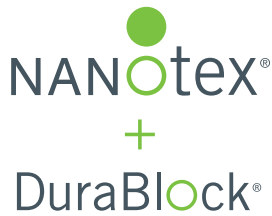


# Unmatched Performance Specifications

Nano-Tex<sup>®</sup> with DuraBlock<sup>®</sup> liquid barrier



Nano-Tex with DuraBlock is an exciting, high performance technology that couples textile nanotechnology with a breathable liquid barrier. The innovation can be applied to virtually any textile, in any application ensuring seating protection for textiles, furniture, clients, and our planet.

## DURABLOCK LIQUID BARRIER

Liquid Entry Pressure measures the pressure at which liquids begin to leak through a barrier. Nano-Tex with DuraBlock exceeds 13 pounds per square inch without liquid barrier failure. Liquid Entry Pressure was maintained even after intense cleaning, designed to simulate extreme field use.

Liquid Entry Pressure | 13 psi or or greater than 130 cm on the Suter test

## COMFORT

Moisture Vapor Transfer Rate measures the ability of the textile fabric to breathe or be comfortably cool. Measurements are based on the amount of vapor that is allowed to pass through a fabric with Nano-Tex and the DuraBlock liquid barrier. In the results reported below, fabric and color density created the range. What does this really mean? It means it breathes like Goretex<sup>®</sup> high-performance clothing but you're sitting on it.

Moisture Vapor Transfer Rate (MVTR) | 3,538 - 4,464 g/m<sup>2</sup>/day

## FLAME TESTING

The following information summarizes the flammability testing most commonly used to evaluate the suitability of a fabric for upholstery applications: NFPA 260 and UFAC are both cigarette tests. CAL 117 applies a flame to the face of the fabric held at a 45 degree angle.

	100% Polyester/ Poly Blends	100% Nylon/ Nylon Blends	100% Cotton/ Cotton Blends	100% Wool/ Wool Blends	Other Blends
NFPA 260	Class 1	Class 1	Class 1	Class 1	Class 1
UFAC	Class 1	Class 1	Class 1	Class 1	Class 1
CAL 117	Pass	Pass	Pass	Pass	Pass

## PHYSICAL PROPERTIES

The Association for Contract Textiles (ACT) has established a set of tests to determine the minimum performance characteristics for upholstery textiles. The following information summarizes the test data across these performance characteristics for the representative fabric family samples with Nano-Tex with DuraBlock compared to the same fabrics without Nano-Tex with DuraBlock. Individual fabrics must be tested for specific results.

Wyzenbeek/Abrasion	Improved fabric performance
Seam Slippage	Improved fabric performance
Breaking Strength	Improved fabric performance
Brush Pill	Improved fabric performance
Crocking	Maintained fabric performance
Colorfastness	Maintained fabric performance

To spec Nano-Tex or DuraBlock call **866.891.6266** or visit **ProtectBeauty.com**

