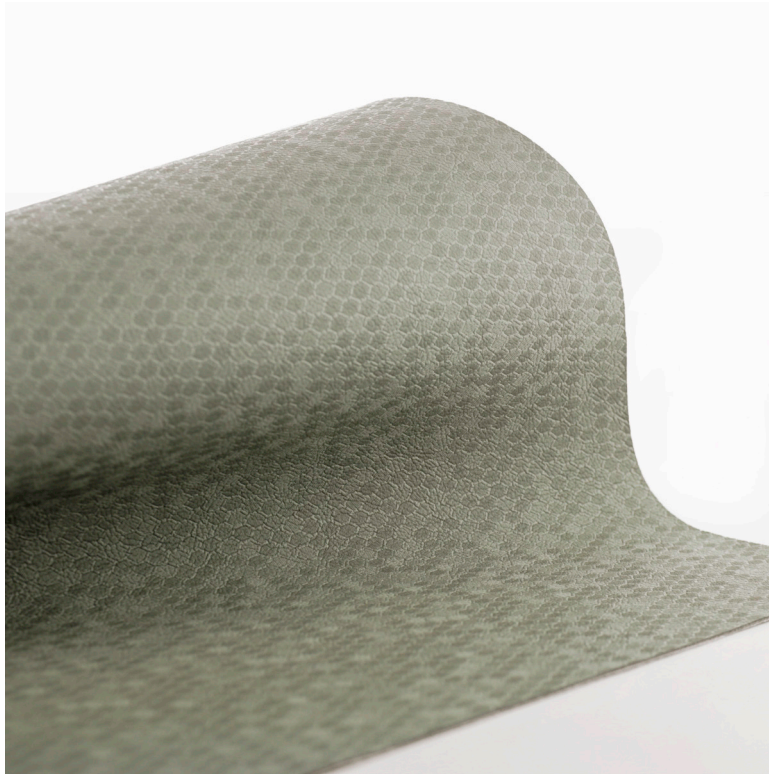




Ultratech™ | Helix



Ultratech™ | Helix introduces the next generation of intelligent performance fabrics with bar-raising sensorial sophistication. **Helix's** distinctly dimensional geometric texture highlights a new type of surface experience you must feel to believe, creating one-of-a-kind depth and texture as a result of unique craftsmanship and proprietary state-of-the-art technology.

Features include:

- Enduring performance (14+ weeks hydrolysis results)
- Ultimate softness for an unparalleled seating experience, created by our innovative engineering process
- Optimal stain protection and ease of care
- GREENGUARD Gold Certification
- Meets Healthier Hospitals Safer Chemical Challenge, V2.0

Helix's well-balanced color story ranges from ethereal to playful, allowing for wide-ranging design possibilities.

Ultratech™ | Helix

General Specifications

Composition:

100% Polycarbonate Polyurethane Surface
65% Polyester, 35% Rayon Backing

Weight:

Approx. 10.3 oz. Per Square Yard
Approx. 350 Grams Per Square Metre

Thickness:

Approx. 1.0 Millimetres

Width:

54 Inches / 137 Centimetres

Performance

Abrasion:

ASTM D4157 / 200,000 Double Rubs (Wyzenbeek)*
BS 2543 / 200,000 Rubs (Martindale)*

*meets or exceeds

Hydrolysis:

14+ Weeks
ASTM D3690-02 Sect. 6.11 (Hydrolytic Stability)
ISO 1419 Method C (Accelerated Ageing)

Adhesion of Coating:

ASTM D751

Tear Strength:

ASTM D2261

Breaking Strength:

ASTM D5034

Colorfastness

Light Fastness:

AATCC 16.3, 200 Hours, Grade 4-5

Crocking:

AATCC 8, Class 5 Wet & Dry

Flammability

F/R Rating:

- ASTM E84 (Adhered) - Class A
- CA TB 117-2013 - Pass
- FMVSS 302 & 95/28 Annex IV - Pass
- NFPA 260 - Class 1
- UFAC - Class 1

Other Tests*:

- ASTM E84 (Unadhered)
- BS 5852 PT 0, 1 & 5 (Crib 5)
- BS 5867 Part 2 Type B
- BS 7175
- California Technical Bulletin 133
- FAR Specifications
- IMO A.652 (16)
- NFPA 701

*These fabrics, when treated and/or used with other compatible furniture components, have been shown to perform under these fire test conditions.

Earth Friendly

• GREENGUARD Gold Certified

- Meets stringent chemical emission limits for various VOCs (ex. Formaldehyde)
- Promotes healthier indoor air quality
- Contributes towards satisfying credits under LEED® and BIFMA
- Compliant with California Section 01350

• Meets Healthier Hospitals Safer Chemicals Challenge, V2.0

- Compliant with Prop 65
- No Bisphenol A (BPA)
- No Conflict Minerals
- No Flame Retardants (Halogenated, Brominated: ex. PBDEs)
- No Heavy Metal Stabilizers
- No PFCs (Perfluorinated Chemicals)
- No Plasticizer Phthalates
- No POPs (Persistent Organic Pollutants)
- No PVC (Polyvinyl Chloride)
- No toxic by-products
- Over 99% of solvents recaptured and recycled

For more information on our fabrics, cleaning and care instructions, please visit our website.

