

APOLLO

4 WAY STRETCH 360°



AFTER MARKET AUTO



AFTER MARKET
MARINE



CONTRACT



HEALTHCARE



TRUCKING

APPLICATIONS

APOLLO

4 WAY STRETCH 360°

The unique 4 way stretch of this vinyl makes it perfect for contouring around any frame securing a snug, waterproof fit. Futura's Apollo 360 degrees 4-way stretch features a contemporary color line and is preferred as a perfect seating in marine, healthcare, ergonomic contract furnishings and much more.



KEY CHARACTERISTICS



ANTI FLAMMABLE



ANTI MICROBIAL



ABRASION



UV RESISTANT



COLD CRACK RESISTANCE



WEATHEROMETER



PINK STAIN TEST





FLAMESAFE

A low emission product



Anti-Flammable

Apollo passes the flammability tests which are of utmost importance, Determines the burn resistance capabilities of materials used in marine, contract furninshing and healthcare.

Passes fire-test-response standard, designed for the assessment of the resistance of our applications when it comes to combustion after exposure to smoldering cigarettes.





TURTLE LIFE

A longevity product



Cold Crack Resistance

Apollo passes the requirement of the cold-crack resistance and is an excellent material with no cracks.



UV Resistant

UV light, or sunlight, will not cause materials and surfaces to fade or discolor as it passes ASTM G154 (500 HOURS)



Weatherometer

Weatherometers simulate the weathering process of indoor and outdoor sun exposure on materials. We use this test on our material so they stand the test of time. (1000 Hrs)



Abrasion

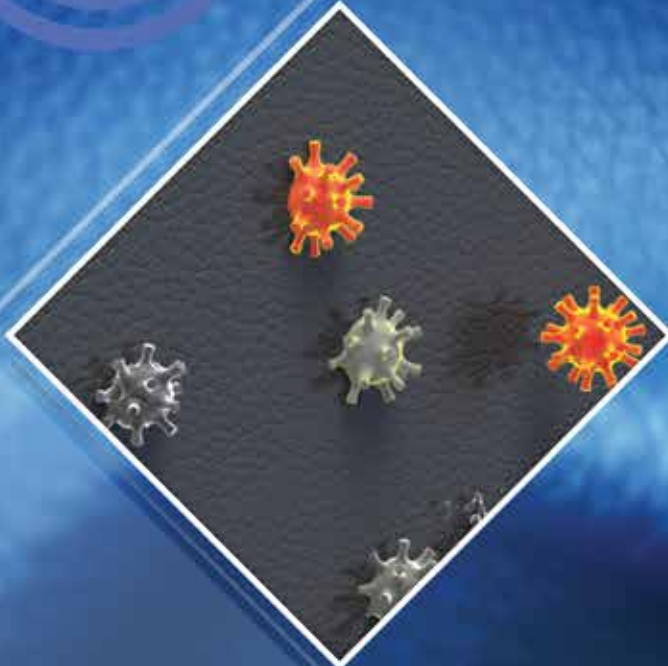
Tests & Martindale Depicts resistance power against damage due to abrasion. ASTM D4157 10,000 rubs





SAFE TOUCH

A microbial safe product



Anti-Microbial

Apollo passes the test of antibacterial, bactericidal, bacteriostatic activity and has been proven effective.

This relatively quick and easily executed qualitative method determines the antibacterial activity of diffusible antimicrobial agents on Apollo material with no growth on the surface.

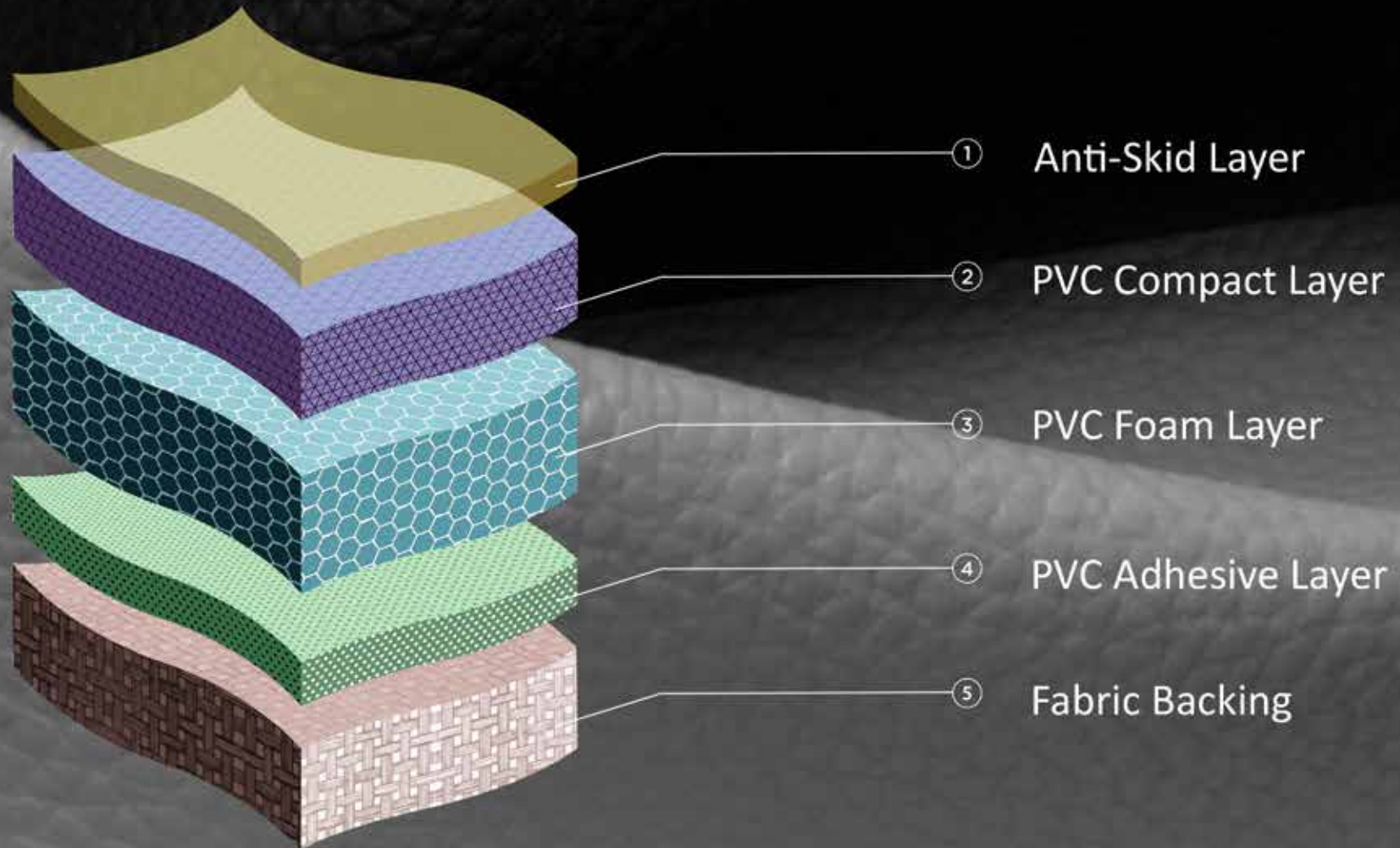


Pink Stain

We provides with pink stain free vinyl. A common test method used to assess materials against pink staining, using the *Streptovercillium reticulum* pink staining test organism, is the ASTM E1428.



LAYER CONSTRUCTION



COLOR PALETTE



APOLLO MATERIAL SPECIFICATION

TESTS	TESTS METHOD	TEST SPECIFICATIONS
Total Weight (Oz/ Lin.Yd)	ASTM D751	32±10%
Thickness (mm)	ASTM D751	1.10±0.10%
Grab Tensile Strength (Lbf)		
Warp	ASTM D751	100 Min.
Weft	ASTM D751	60 Min.
Elongation (%)		
Warp	ASTM D751	90 Min.
Weft	ASTM D751	180 Min.
Tongue Tear Strength (Lbf)		
Warp	ASTM D751	5.0 Min
Weft	ASTM D751	5.0 Min
Adhesion Strength (Kg/5cm)		
Warp	IS 7016 P-5	2.5 Min
Weft	IS 7016 P-5	3.0 Min
Wyzenbeek abrasion (#10 duck cloth)		
Warp	ASTM D4157	10,000 cycles
Weft	ASTM D4157	10,000 cycles
Cold Crack Resistance at -40°F	FTMS 191A-5874	No crack
UV-Resistance	ASTM G154	500Hrs
Flammability		
mm/minute	FMVSS 302	100 MAX.
Flammability	TB-117 2013	Passes the requirement
Antimicrobial	AATCC-147	No Growth
Width (Inches)		54
Roll Length (Yard)		30
Fabric		54

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