

POLARIS



AFTER MARKET AUTO



AFTER MARKET
MARINE



CONTRACT



HEALTHCARE



TRUCKING

APPLICATIONS

Polaris is 'the luxury artificial leather' having a unique depth of quality and is extremely fire retardant, waterproof and anti microbial. It is approved for deep, infection control cleaning making it ideally suited for severe contract/hospitality and automotive upholstery.



APPLICATIONS



ANTI FLAMMABLE



ABRASION



DE MATTIA FLEX



FLAMESAFE

A low emission product

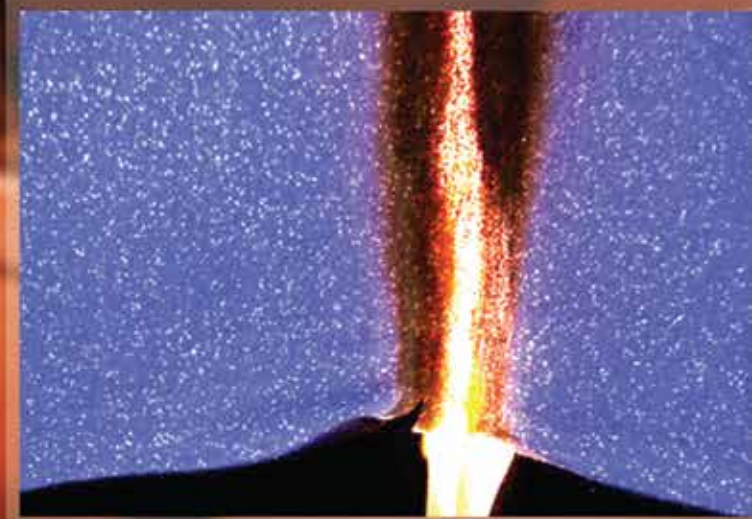


Anti-Flammable

Americana passes the flammability tests which are of utmost importance.

Determines the burn resistance capabilities of materials used in Marine, contract furnishing 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 smouldering cigarettes.



De Mattia Flex

tests the ability of material to withstand repeated flexing without developing cracks and it is of prime importance where such products are used in conditions undergoing repeated flexing.



Abrasion

Depicts resistance power against damage due to abrasion.

ASTM D4157

40,000 rubs

Brusting Strength: IS:7016 P-6

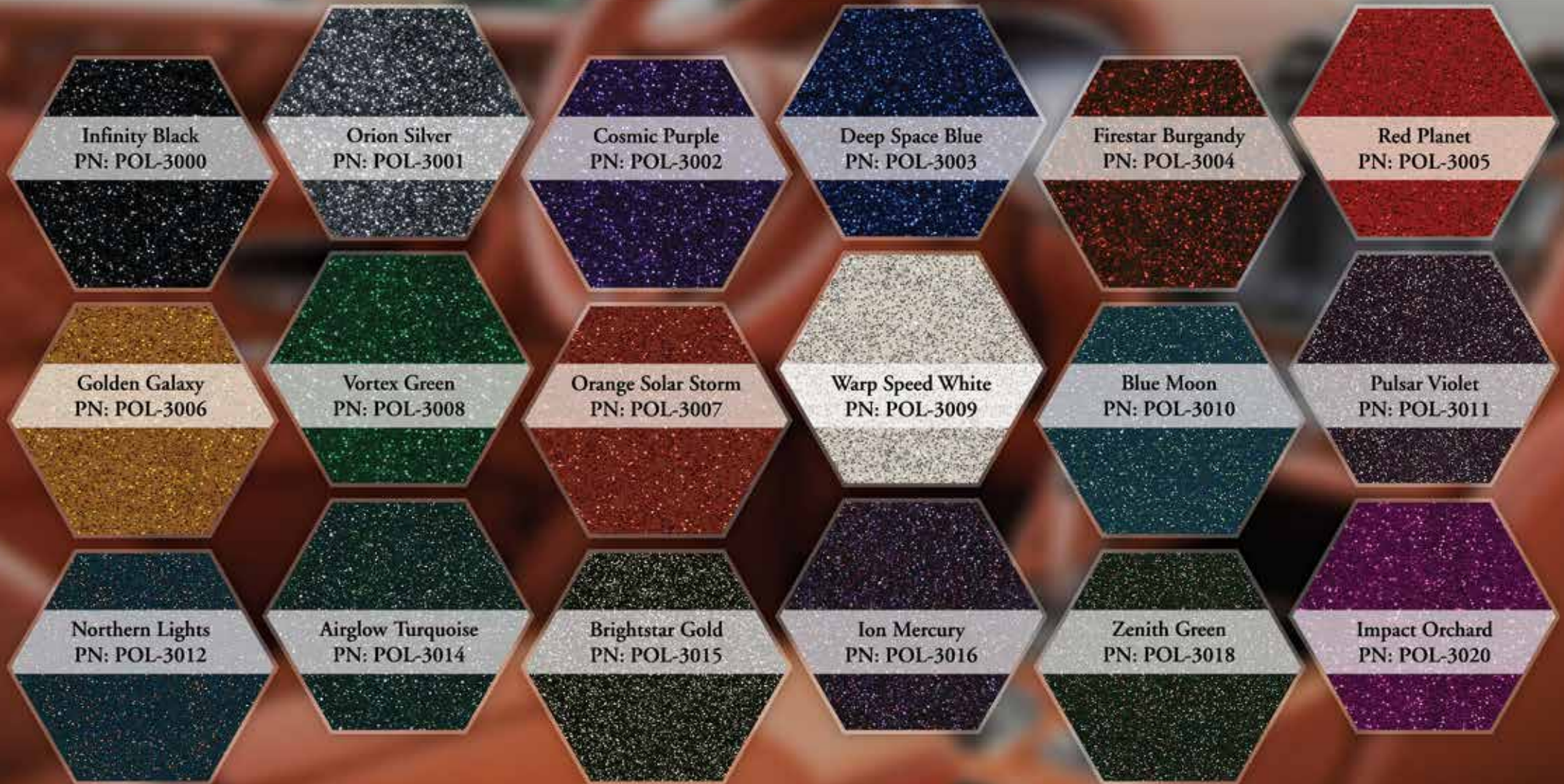


TURTLE LIFE

A longevity product



COLOR PALETTE



LAYER CONSTRUCTION



PVC Compact Layer

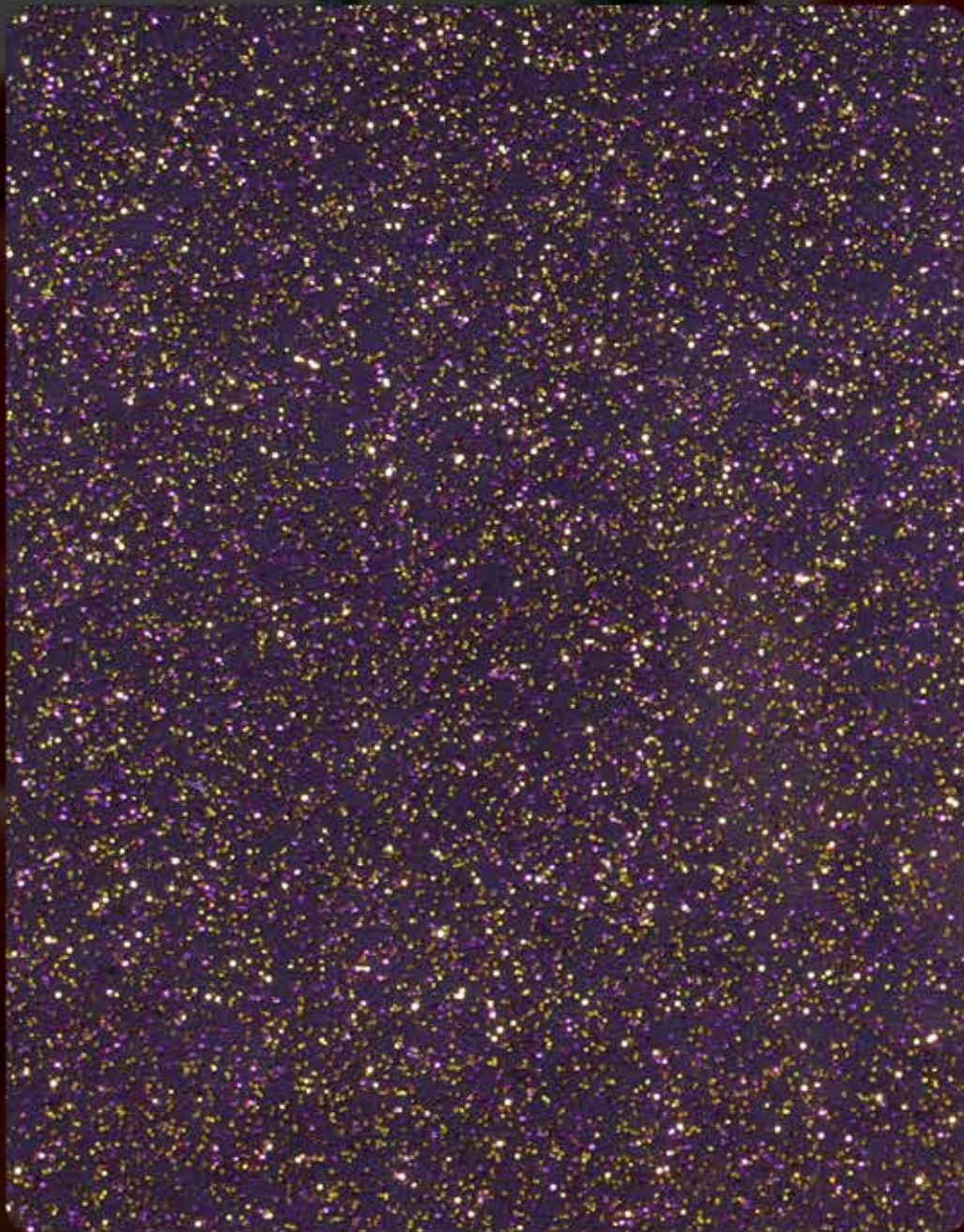
PVC Foam Layer

PVC Adhesive Layer

Fabric Backing



POLARIS MATERIAL SPECIFICATION



TESTS	TESTS METHOD	TEST SPECIFICATIONS
Total Weight (Oz/ Lin.Yd)	IS:7016	33±10%
Thickness (mm)	IS:7016	1.05±10%
Breaking Strength (Kg/5cm)		
Warp	IS:7016 P-2	25 Min
Weft	IS:7016 P-2	20 Min
Elongtion at Break %		
Warp	IS:7016 P-2	35 Min
Weft	IS:7016 P-2	140 Min
Tear Strength (kgf)		
Warp	IS:7016 P-3	2.5 Min
Weft	IS:7016 P-3	2.0 Min
Adhesion Strength (kg/5cm)		
Warp	IS:7016 P-5	2.5 Min
Weft	IS:7016 P-5	2.0 Min
Flammability mm/minute	FMVSS 302	100 MAX.
Flammability	TB 117-2013	Passes the requiremen
Wyzenbeek abrasion (#10 duck cloth)	ASTM D4157	40000 cycles-Pass
Brusting Strength Kg/cm2	IS:7016 P-6	10 Min
De Mattia Flex	IS:7016 P-4	200000 Cycles
Width (Inches)		54
Roll Length (Yard)		25
Fabric		100% Polyester

POLARIS



USA

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