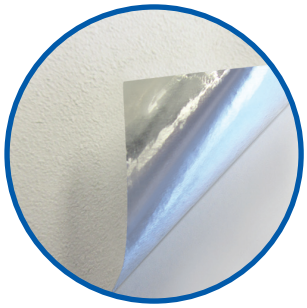
ALUTEX™

ALUTEX AT13

Heavy Textured Conformable Aluminium Foil

Suitable for Exterior Use



ALUTEX AT13 Heavy Textured Conformable Aluminium Foil is a new generation digital print media suitable for application to asphalt, concrete and textured surfaces. This unique product has an aluminium foil base and a high tack acrylic solvent adhesive that provides exceptional adhesion to, and durability on, rough roads, unpainted concrete and pavement surfaces.

ALUTEX AT13 shapes easily to just about any surface and does not shrink back or change back to it's original form.

The surface is NATA R11 Slip-Rated, suitable for outdoor use and is drive-over tough.

With a 'one step' direct print process **ALUTEX AT13** delivers stunning print results without the need for over-lamination.

- 290µ material with an aluminium foil base and matte white vinyl coating
- highly conformable without shrinkage or memory
- drive-over tough
- AS 4586-2013 NATA R11 Slip-Rated R11 approved non-slip surface
- no over-lamination required
- fast installation and removal
- brilliant print quality with superb results

Printer Suitability: Eco-solvent, latex and UV inkjet printers

APPLICATIONS

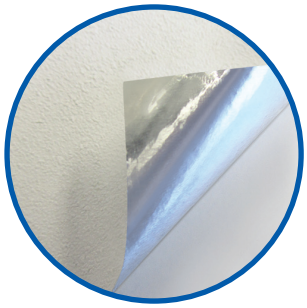
- Suitable for exterior applications to asphalt, unpainted concrete, textured and low surface-energy situations.
- Ideal for applications such as fast food and liquor drive thrus, shop entryways, footpaths, bikepaths and transit platforms.

MAXIMUM CONFORMABILITY

NATA
Slip-Rated R11
AS 4586-2013
Oil Wet Ramp Test

PROPERTY	TYPICAL VALUE
Surface	Matt, white
Thickness	290µ
Suitability	Interior and Exterior use
Construction	Aluminium foil with a heavy textured matt white surface
Adhesive Type	Semi-removable solvent acrylic
Adhesion	80µ +/- 5µ
Liner	Double PE coated paper
Minimum Application Temperature	+10°C / +50°F
Shelf Life	12 months stored in original packaging at moderate temperature and humidity
Durability - High Traffic	Up to 3 months
Durability - Low Traffic	Up to 6 months
Slip Rating	R11

ALUTEX™



ALUTEX AT13

Heavy Textured Conformable Aluminium Foil

Suitable for Exterior Use

Application and Suitablity:

To determine suitability for the intended surface we recommend trialling a small piece in an inconspicuous location over a minimum 4 week period. The purchaser and end-user shall be responsible for conducting suitability testing prior to application.

Durability:

ALUTEX durability depends on the surface it is applied to, combined with the type and volume of traffic. For high traffic areas a durability of up to 3 months is expected and for low traffic areas, up to 6 months.

Cleaning:

If cleaning is required during service period it may be done by:

- Power washing with the nozzle 1 metre from graphics, do not spray edges.
- Wiping over with clean water and a broom.

Removability and Removal:

When ALUTEX is applied to extremely rough surfaces and/or areas experiencing vehicular traffic this may increase the difficulty of removal. Extreme weather conditions may also affect removability.

- ALUTEX is relatively easy to remove from wall and pedestrian walkway applications; extremely rough surfaces and/or vehicular traffic may increase the difficulty in removal.
- Removal does not require heat.
- Peel off at an angle less than 45 degrees for best results; typically no residue remains.
- If ALUTEX proves difficult to remove, use a high pressure washer.
- ALUTEX can be disposed of with normal aluminium recycling.

If residue remains after removal it can be removed by:

- Applying a degreaser such as “Simple Green”.
- Residue will wear away over time with pedestrian traffic and under general weather conditions.









Asphalt Art - Product Data Sheet

Drive Over Tough Print Media.

Description

Asphalt Art is a new generation outdoor print media for application to asphalt, concrete and textured surfaces. This unique product has a patented aluminium foil base and glue that provides Asphalt Art exceptional adherence to, and durability on, rough roads and pavements. The non slip surface is approved for outdoors and is drive over tough. No over lamination is required. Asphalt Art requires only a 'one step' print process.

Features

Aluminium foil base | No overlaminate | Maximum conformability

> Drive over tough
> Highly conformable
> Approved non slip surface
> Painted on appearance
> No over lamination required
> Fast installation
> Brilliant print quality
> Fast removal

Applications

Point of sale | Out of Home | Events

> Petrol convenience
> Fast food drive thru / carpark
> Liquor drive thru
> Transit platform / tram & bus shelters
> Car parks
> Sporting events
> Directional signage
> Poolside
> Footpaths
> Bike paths

Surfaces

Outdoor

> Asphalt
> Paving
> Concrete – unpainted
> No indoor surfaces

Test first

If considering alternative surfaces we recommend trialling with a small piece first in an inconspicuous location. Trial over a minimum 4 week period to determine suitability for the intended surface.

Printing Methods

UV curable inks

> UV Curable (roll to roll)

Durability

Asphalt Art durability depends on the surfaces it is applied to combines with the type and volume of traffic travelling over it. For high traffic areas we recommend a maximum 3 months and for low traffic areas we recommend a maximum 6 months

Low Traffic
6 months

High Traffic
3 months

Slip Resistance

Australian / New Zealand standards 4586:2004 approved. CSIRO tested R13 rating

R13

Storage

Shelf life is 12 months. Store in cool conditions (15-24 degrees C - humidity 40-60% rh)

Warranty

Since there is no control under which conditions the product has been applied or has been used, all product warranty automatically end as soon as the product has been applied to any surface

Technical Information

Size Width: 1.22m
Length: 30.48m
Foil with a textured matte vinyl coating (white)
0.10 - 0.25 mm
Adhesive acrylic solvent
Adhesion 80µ +/- 5µ
Total weight 385 g/m
Slip-resistance DIN51130 / BGR 181 R11
Minimum application temperature +10°C / +50°F

CARPETTEX™

CSIRO SLIP RATED TO AS4586:2013



CarpetTEX CTHT

High Texture Carpet Vinyl

Durability up to 3 Months depending on traffic conditions

CarpetTEX CTHT is the ultimate advertising solution for indoor exhibitions and floor promotions. With its unique adhesive CarpetTEX adheres to carpet ensuring your message gets across to consumers, and with its anti-slip surface it is ideal for any traffic areas. CarpetTEX is inkjet printable via solvent, eco-solvent, UV-curable and latex inks.

- 250µ textured vinyl
- designed to actually stick to carpet!
- unique printable heavy textured surface for non-slip walk areas
- thick film ensuring easy application and removal
- CSIRO slip-resistance tested to AS4586:2013
- clean removability for up to 6 weeks
- print and go – no laminate required
- can be contour cut to any shape

Printer Suitability: inkjet printable via solvent, eco-solvent, UV-curable or latex inks

APPLICATIONS

- Suitable for short term floor promotions where graphics need to be applied directly to carpet flooring or carpet tiles.
- An easy application film with exceptional adhesion and a slip-resistant surface.
- No lamination required.

PROPERTY	TYPICAL VALUE
Surface Finish	Highly Textured Matt
Thickness	250µ
Dimensional Stability	Maximum -0.45% (shrinkage; 48 hours on aluminium at 70ºC)
Durability	Up to 3 months durability depending on traffic conditions
Vinyl Construction	Polyester/PVC composite
Adhesive Type	Acrylic based (clear, pressure sensitive)
Release Liner	PE-coated silicon cardboard (both sides)
Tensile Strength	40 g/m^2
Adhesive Strength	~7 N/25mm immediate (on steel)
CSIRO Slip-Resistance - Dry	AS 4586:2013 - Dry Floor Friction Test. Mean COF: 0.75, Class D1
CSIRO Slip-Resistance - Wet	AS 4586:2013 - Wet Pendulum Test (Slider96). Mean SRV: 34, Class P2
Application Temperature	Minimum 10ºC
Service Temperature	- 30ºC to +70ºC
Shelf Life	1 year stored in original packaging at moderate temperature and humidity

Durability:
Typical indoor durability is up to 3 months dependant on traffic conditions; however, excessive traffic and print variables can significantly reduce durability due to factors beyond the manufacturer's control. The condition and quality of underlying surfaces may also reduce durability and performance. Thorough drying of printed media for 48 hours is recommended prior to application.

Performance and Removal:
CarpetTEX CTHT has been tested under many conditions and has proven highly reliable in its performance. Removal within 1 month of application is recommended however optimum removal time may reduce to 14 days dependant on specific carpet types. As there are endless variables in application, substructures and traffic conditions it is not possible to guarantee the performance or removal properties of this product and the purchaser and end-user shall be responsible for conducting suitability testing, prior to use.

Storage:
To avoid pressure points appearing on the roll surface it is recommended that rolls be stored vertically or on purpose-built hanging racks.

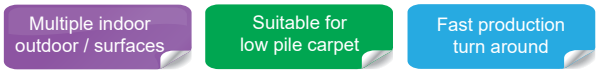
TexWalk

Product Data Sheet

Description

TexWalk is a revolutionary new floor media suitable for a wide range of flooring surfaces indoors & outdoors. Indoors suitable for low pile carpet, stone, lino etc. Outdoors suitable for smooth tiles and smooth concrete etc. TexWalk has a built-in textured non slip surface and does not require an overlaminate. No overlaminate means it's considerably faster to market plus colours are significantly brighter. Comes with an R12 non slip certification (CSIRO).

Features



> Suitable for low pile carpet
> Suitable for multiple indoor/outdoor surfaces
> CSIRO approved non slip surface
> Brilliant print quality
> No over lamination required
> Fast through prouduction & fast to market. High volume / fast turn around friendly

Applications



> Retail
> Exhibitions
> Shopping centres
> Office
> Car Parks
> Footpaths
> Concrete walls / columns

Surfaces



Indoor Floor
> Carpet (low pile)
> Concrete
> Porous Stone
> Tiles

Outdoor Ground
> Concrete
> Tiles
> Asphalt
> Pavers
> Porous Stone

Indoor Wall
> Plasterboard
> MDF
> Concrete

Outdoor Wall
> Concrete
> Brick

TexWalk is not suitable for ultra smooth surfaces such as polished floorboards, polished stone , glossy tiles etc

Test First

Every surface is different and changes with time so we recommend trailling with a small piece first in a inconspicuous location. Trial over a minimum 4 week period to determine suitability for the intended surface

TexWalk

Printing Methods

> UV curable
> Solvent
> Eco solvent
> Latex



Durability

TexWalk durability depends on many factors including the surface it is applied to and the frequency of abrassive forces. Please see guide below;



Indoor Floor
> Low Traffic - 6 months
> High Traffic - 3 months

Outdoor Floor
> Low Traffic - 4 months
> High Traffic - 1 month

Indoor Wall
> 24 months +

Outdoor Wall
> 12 months +

Slip Resistance

Australian / New Zealand standards AS 4586:2013 approved. CSIRO tested R12 rating

Storage

Shelf life is 12 months. Store in cool conditions (15-24 degrees C - humidity 40-60% rh)

Warranty

Since there is no control under which conditions the product has been applied or has been used, all product warranty automatically end as soon as the product has been applied to any surface

Technical Information

Size Width: 1.22m
Length: 25m & 50m
Foil Fabric with a textured matte vinyl coating (white)
0.10 - 0.25 mm
Adhesive acrylic solvent
Adhesion 80µ +/- 5µ
Total weight 385 g/m□
Slip-resistance DIN51130 / BGR 181 R11
Minimum application temperature +10°C / +50°F

TOUCHDOWN FLOOR GRAPHIC

TOUCHDOWN

Touchdown Indoor & Outdoor (Print N Walk) is an anti-scratch and anti-slip fabric designed for short to mid-term floor graphic applications.

FEATURES

- High-tack removable adhesive
- Outdoor has aluminium back for easy removal

SURFACES

- Indoor – smooth floor
- Outdoor – rough floor / wall

SAFETY

- Indoor – Non-slip rating R11
- Outdoor – Non-slip rating R12

PROPERTIES	VALUE
Face Material	Polyester fabric 100%
Surface	Bead texture - matt
Base Caliper (incl adh)	360 um ± 50
Liner Caliper	150 um ± 20
Total Caliper	510 um ± 55
Base Weight	240 gsm ± 50
Liner Weight	150 gsm ± 30
Total Weight	390 gsm ± 50
Width	1370 mm
Length	30 metres
Core	76mm (3 inch)
Print Conditions	15 – 30° C / 30 - 60% RH
Storage	10 - 25° C
Shelf Life	1 year in original pack and above conditions

PRINT

UV-CURABLE LATEX SOLVENT ECO-SOLVENT

Utopia UT 600LTR Low Tack Printwalk

Printable textured anti-slip PET low tack removable fabric film

Uses

UT 600LTR Printwalk is a printable, matte white, textured anti-slip PET fabric film, available in a low tack removable adhesive for short pile commercial carpets and smooth hard surfaces.

Perfect for bringing to life brilliant aesthetics for retail, promotional events, temporary events and exhibitions, wayfinding and safety graphics and point of purchase.

Features

• Textured anti-slip PET removable fabric film

• Low tack adhesive ideal for short pile commercial carpet and smooth hard floor surfaces

• Excellent slip rating: P5 in accordance with AS 4586:2013 Slip Resistance classification of new pedestrian surface materials, Appendix A – Wet Pendulum Test

• Rated for an indoor durability of up to 6 months

Product Specifications

Base Material: PET anti-slip fabric

Surface: textured matte white

Adhesive: low tack removable

Base Caliper: 360 micron plus/minus 50

Liner: kraft liner 150 micron plus/minus 20

Liner weight: 150gsm plus/minus 30

Conversion

- Latex printers
- Eco-solvent printers
- UV curable printers

Common Applications

- Retail and promotional events
- Temporary events and exhibitions
- Wayfinding and safety graphics
- Point of purchase

PolyLAM with DOL 2100 Matte Laminate

Premium Polymeric bubble free Vinyl — **UV1501** is a real polymeric self-adhesive, digital printable film designed to meet a variety of car body wrapping, bus body advertising graphic and subway body advertising needs.

Advantages

- Good extension and flexibility
- Stable size and high weather resistance
- Bubble free to release air easily

Applications: Part of Car body wrapping, Long-term and arc surface advertising; Subway body advertising;

Characteristic	Description
Colors	White
Film	Premium polymeric PVC film
Finish	Gloss & Matt
Thickness (Film)	80um±10um
Adhesive	Removable acrylic pressure sensitive adhesive
Adhesive color	Grey
Coating weight(Dry)	20g±2g
Liner	One side PE-coated premium original white wood-pulp paper
Weight of liner	140g±5g
Application surfaces	Flat and simple curves
Application substrates	Metal, paint, rigid plastic
Application temperature (air and substrate)	0 ～ 50° C

Physical Properties

Features	Test Method	Results
Caliper, face film	GB/T6672-2001	80 micron (μm)
Caliper, liner	GB/T6672-2001	140 gsm
Dimensional stability	FINAT-14	Max. 0.5 mm
Tensile strength		≥35 N/inch
Elongation		≥160%
Gloss	GB8807-88，60	>65
Adhesion, initial	FINAT FTM-1, stainless steel	320 N/M
Adhesion, ultimate	FINAT FTM-1, stainless steel	400 N/M
Tearing		>10000Min
Release	FINAT -4	15 ~ 40 g/inch
Flammability		Self-extinguishing
Shelf life	Stored at 24° C/50-60 % RH	12 Months
Durability	Vertical exposure	3~5 Years
Durable temperature range：		-20° ~ 60° C

DOL 2100 Matte

Matte Clear Polymeric Calendered Overlaminate

Features

- Excellent UV protection
- Provides finished graphic ICS Warranted performance of 4 years
- Good abrasion resistance
- Excellent adhesion to graphic materials
- Excellent transparency
- Matte finish for low-glare applications

Description



Film: 80 micron matte clear UV stable polymeric calendered vinyl overlaminate



Adhesive: Permanent acrylic



Backing: One side coated 135gsm Kraft paper



Outdoor life: Up to 7 years

Conversion*

- ☐ Flat bed cutters
- ☐ Friction fed cutters
- ☐ Die cutting
- ☐ Thermal transfer
- ☐ Screen printing
- ☑ **Cold overlaminating**
- ☐ Estat printing
- ☐ Water based inkjet
- ☐ Solvent inkjet
- ☐ UV Cured inkjet

Common Applications

- Flat sided trucks
- Outdoor advertising
- Indoor advertising
- Windows
- Floor graphics
- General signage

Standards

AS/NZS 4586:2004 Standard slip resistance classification of new pedestrian surfaces: Appendix A, B Dual Classification: YF
In order to interpret the classifications, please refer to Standards Australia Handbook 197, An Introductory Guide to the Slip Resistance of Pedestrian Surface Materials, which recommends minimum classifications for a wide variety of locations.

Uses

DOL 2100 is a flexible high quality UV stable matt polymeric calendered overlaminate designed for use as a protective overlaminating film for digitally printed images and is suitable for medium life outdoor images on flat or simple curved surfaces.

Physical characteristics

General

Calliper, face film	ISO 534	80 micron
Calliper, face film & adhesive	ISO 534	110 micron
Dimensional stability		0.3 mm max
Gloss	ISO 2813, 85°	75%
Adhesion, initial	ASTM 1000, stainless steel	500 N/m
Adhesion, ultimate	ASTM 1000, stainless steel	700 N/m
Flammability	AS/NZS 3837:1998	Group 1
	ISO 5660-1:2002	Group 1-S
Shelf life	Stored at 22° C/50-55 % RH	2 years
Expected Durability **	Vertical exposure	Up to 7 years
Slip resistance	AS/NZS 4586:2004	Appendix A, B Dual Classification: YF

Thermal

Lamination temperature	See relevant technical bulletins
Service temperature range	- 40°C to + 80°C

Chemical

Resistant to most petroleum based oils, greases, and aliphatic solvents

Resistant to mild acids, alkalis and salts

Important

Information on physical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications.
They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of any material for their specific use.

All technical data is subject to change without prior notice.

****Expected Durability**

The expected durability of films are defined as the expected performance life in outdoor vertical exposure conditions.
The actual performance life will depend on a variety of factors, including selection and preparation of substrate, angle and direction of exposure, application methods, environmental conditions and cleaning/maintenance of the films. In case of films used in areas of high temperatures or humidity, high altitudes and industrially polluted areas the performance will be further reduced.

Expected Durability Definition

Expected durability is the expected period of time defined in the product data sheet, the product should, but is not warranted to, perform satisfactorily when applied in vertical exposure conditions.

***Information unavailable at time of printing.

Test Methods

Dimensional stability:
Is measured on a 150 x 150 mm aluminium panel to which a specimen has been applied; 72 hours after application the panel is exposed for 48 hours to + 70°C, after which the shrinkage is measured.

Adhesion:
(FTM-1, FINAT) is measured by peeling a specimen at a 180° angle from a stainless steel or float glass panel, 24 hours after the specimen has been applied under standardised conditions. Initial adhesion is measured 20 minutes after application of the specimen.

Flammability:
A specimen applied to aluminium is subjected to the flame of a gas burner for 15 seconds. The film should stop burning within 15 seconds after removal from the flame.

Temperature range:
A specimen applied to stainless steel is exposed at high and low temperatures and brought back to room temperature. 1 hour after exposure the specimen is examined for any deterioration. Note: Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids, dyes, etc. may eventually cause deterioration.

Chemical Resistance:
All chemical tests are conducted with test panels to which a specimen has been applied. 72 hours after application the panels are immersed in the test fluid for the given test period. 1 hour after removing the panel from the fluid, the specimen is examined for any deterioration.

Corrosion Resistance:
A specimen applied to aluminium is exposed to saline mist (5% salt) at 35°C. After exposure, the film is removed and the panel is examined for traces of corrosion.