

Craft Vinyl

Selection Guide



- Ceremony

- Photos

- Reception

- Food & Drinks

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Understanding your Vinyl

Essentially there are 2 types of self adhesive vinyl, calendered and cast.



Calendered Vinyl is thicker and generally intended for flat surfaces. This film is not designed to easily conform to a non-flat surface. When used incorrectly, such as applying to a curved, non-flat surface, vinyl edge lift may occur. Calendered vinyls are also more prone to shrinkage than cast vinyls when used for external applications. Calendered vinyls are less durable or weather resistant than cast vinyls.

Examples of flat surfaces include:

Dishware such as plates, rigid smooth timber boards, acrylic & smooth walls.

Understanding your Vinyl



Cast vinyl is thinner than calendared vinyl and very flexible meaning that it is conformable and easier to apply to non-flat surfaces. Cast vinyl is considered to be premium vinyl with longer durability and well suited to external applications.

Examples of non-flat surfaces include:

Cannisters, glassware, bottles, mugs & drink bottles. Cast vinyl conforms to the curves of these non-flat surfaces.

Understanding Adhesives



Vinyl with water based adhesives are typically a lower cost solution for either indoor or outdoor graphic applications. Wet application is not recommended when applying vinyl with water based adhesive as water can solubilize the adhesive and interfere with the bonding process to the substrate.

Understanding Adhesives



Vinyl with solvent based adhesives are designed for more demanding and longer term applications. Vinyl with solvent based adhesive can be wet applied, except for wall applications. The components of this adhesive are blended together with solvents, building a stronger adhesive that is more resistant to chemicals, cleaning agents and broader temperature ranges.

Understanding Adhesives



Removable adhesives are designed to remove cleanly. This obviously depends on the surface as well as the length of time the film has been applied and the conditions the film has been exposed to. Generally, the film will remove quite easily and is far less likely to remove paint or leave a sticky residue. A common misconception is the term removable means the adhesive will stop working and the film will fall off. This is not true, the term removable relates to the lower tack and the clean residue factors.

Understanding Adhesives



Permanent adhesive has a higher tack level compared to removable adhesives and will be more difficult to remove. These adhesives have a higher bond strength. Care should be taken when applying film with permanent adhesives to walls as damage during removal may occur. Permanent adhesives may also leave residue when removed. Heat can be used to assist the removal of films carrying permanent adhesive. A hair dryer can be your best friend for this task.

Vinyl Selection Chart

	ORACAL® 751 High Performance Cast Film	ORACAL® 551 High Performance Calendered Film	ORACAL® 651 Calendered Film
Typical Application	Perfect for a variety of DIY indoor/outdoor projects that require a high performance, conformable, permanent adhesive with long term durability. Very easy to cut, weed and apply.	The professionals choice. Easy to cut, weed and apply. Perfect for sign making projects indoor / outdoor that require a permanent adhesive and long term durability onto flat and curved surfaces. For best results apply to clean, dry smooth surface such as glass, mirror, smooth timber and most metal surfaces.	Easy to cut, weed and apply. Perfect for DIY indoor/outdoor projects that require a permanent adhesive and medium term durability onto flat surfaces. For best results apply to clean, dry smooth surface such as glass, mirror, smooth timber and most metal surfaces.
Film Type	Cast Vinyl	High Performance Calendered Vinyl	Calendered Vinyl
Film Finish and Colours	Gloss Colours Matt Black and White	Gloss Colours Matt Black and White	Gloss and Matt Colours
Application Surface	Flat or Curved	Flat or Curved	Flat
Adhesive	Solvent based Permanent	Solvent based Permanent	Solvent based Permanent
Durability	Up to 8 years outdoor Unlimited indoor	Up to 7 years outdoor Unlimited indoor	Up to 5 years outdoor Unlimited indoor
Transfer Tape	ORATAPE® HT4076 ORATAPE® MT95	ORATAPE® HT4076 ORATAPE® MT95	ORATAPE® HT4076 ORATAPE® MT95

Vinyl Selection Chart

	ORACAL® 851 Sparkling Glitter Cast Film	ORACAL® 631 Calendered Film
Typical Application	Perfect for a variety of DIY indoor/ outdoor projects that require a high performance, conformable, permanent adhesive with long term durability. Very easy to cut, weed and apply.	Easy to cut, weed and apply. Perfect for DIY indoor/outdoor projects that require a removable adhesive and medium term durability onto flat surfaces. For best results apply to clean, dry smooth surface such as glass, mirror, smooth timber and most metal surfaces.
Film Type	Cast Vinyl	Calendered Vinyl
Film Finish and Colours	Gloss Glitter Colours	Matt Colours
Application Surface	Flat or Curved	Flat
Adhesive	Solvent based Permanent	Water based Removable
Durability	Up to 5 years outdoor Unlimited indoor	Up to 3 years outdoor Unlimited indoor
Transfer Tape	ORATAPE® HT4076 ORATAPE® MT95	ORATAPE® HT4076 ORATAPE® MT95

ORACAL® 851

Sparkling Glitter Metallic Cast Film



ORACAL® 851, 990 Golden Naval Sparkle paired with 995 sweet almond sparkle.



985

ghostly white
sparkle



989

golden knight
sparkle



992

chiffon mint
sparkle



991

frosted lagoon
sparkle



987

intense silver
sparkle



988

obsidian silver
sparkle



993

golden bell
sparkle



996

blooming coral
sparkle



995

sweet almond
sparkle



990

golden naval
sparkle



994

bridal pink lace
sparkle



986

crystal clear
sparkle

Images courtesy of Hidden Ridge Designs, Combined Locks, WI and Strong Mom Custom Designs, LLC, Greenwood, Indiana

Transfer Tapes

HT4076	MT95
High Tack Paper	Medium Tack Film
Works well with all films	Works well with all films
Ideal for glass decoration films	Ideal for multi coloured film projects
Ideal for textured film projects	Transparent film for easy registration of coloured layers

Available in many roll widths.

Tips for Success

Remember, we don't know what your surface is but here is some general advice.
Surface preparation is No #1. Never stick vinyl to an uncleaned surface. If it doesn't fail now, its only a matter of time before it does.

What to do

1. Use warm water with a small amount of detergent, then rinse with water and dry it really well.
2. Get out the IPA (Iso Propyl Alcohol) you can buy this at the chemist or the local hardware, it cleans up any residue or detergent. It's your best friend during the cleaning stage. However, DON'T use IPA on water based paint surfaces.
3. If you're working on painted gyprock walls you might be working with an unknown paint. General advice is to clean the paint with sugar soap, rinse well and let it dry for 24hrs. Then test a small piece in an obscure place.

What **not** to do

1. If your piece of acrylic or plastic has a protective sheet make sure you remove it and let it outgas for 24 hours before applying your film. Then follow surface prep advice above.
2. Some kitchen and window cleaning products leave a residue. Best to avoid using these as there are far too many unknown factors.
3. As many walls are porous our general advice is not to wet apply. This advice applies to gyprock or similar surfaces.

Wet Application

This is a great technique that professional installers use.

Why, because it puts a slip and slide barrier between your project surface and the adhesive on the film. It lets you position the film perfectly and then it helps to apply your film without air bubbles. Just squeegee out the water and the air bubbles will go with the water.

Remember, don't use wet application with water based adhesives or films with *RapidAir*®.

A few tips for the wet solution

1. Fill your spray mist bottle with water.
2. Add a few drops of detergent per litre of water. This helps to make everything slide well.
3. If you want the job to dry faster just add a few drops of IPA into a litre of water. This will help evaporation.

Whenever you're at this stage make sure you have lint free cloths handy. No tissues or paper towels.

Directions: After you clean the surface.

Please Note; This advice doesn't apply to porous walls such as gyprock.

1. Spray some wet solution on the project surface.
2. Spray some wet solution on the adhesive side of the film.
3. Slide your wet film onto the wet surface and place it in the exact position.
4. Apply pressure to the film and squeegee out all air bubbles and the water.
5. Dry the application with the lint free cloth. Allow sufficient time to dry thoroughly.

Print & Laminate



ORAJET® 1917 is a self adhesive calendered film for desktop inkjet printers. This film has a special inkjet printable micro porous coating and is suitable for water based inks such as pigment or dye inks commonly used in desktop printers. This film carries a matt finish and is water proof. For best results we recommend laminating with **ORAGUARD® 200**.

ORAGUARD® 200 is a self adhesive calendered clear laminating film with a permanent adhesive. This is an ideal film intended for UV and abrasion protection of printed graphics. This film is recommended for use on flat surfaces and available in gloss, semi gloss and matt finishes.

Refer to more details page 28,29.

Tips and Tricks for Wall Application Success

Walls can get a bit tricky, usually because you're not sure what the paint or surface coating is.

For a start we may be dealing with porous walls such as gyprock. If this is the sort of wall you have then DON'T wet apply film.

DON'T use IPA on porous walls, this is only for non porous surfaces.

What about the paint ? Are we sticking vinyl to a wall, or are we sticking vinyl to paint?

Most of the time it will be paint.

Your paint might be a wash and wear paint containing Teflon or some other component that prevent things from sticking.

What do we do ? Test a small piece onto a cleaned section. Leave it for 24hrs and check.

If it's a low sheen paint on smooth gyprock and your test was successful;

- Clean the paint with sugar soap and rinse well
- Let it dry thoroughly
- Cut and weed the vinyl and you're ready to apply



Frequently asked questions

What if it's a textured wall?

Clean, dry and conduct a small test

What about new paint?

Leave it for at least 4 weeks, then do the clean, dry and apply test

What if it's super hot or very cold?

Vinyl prefers to work when the ambient temperature is around 26 degrees C and around 55% humidity. When its really hot the film and the adhesive gets soft. When its very cold the film and the adhesive becomes more rigid and harder to use.

Here's another great tip when you're working on walls

When you apply film onto Low VOC, or NO VOC paints you should leave the application paper or transfer tape on the film and on the job for 24 hours after the graphics are applied. This will assist the bond between the film and the paint.

Stencil Films

What will your stencil film be used for?	ORAMASK® 810S	ORAMASK® 813
1. Is the surface flat?		Recommended
2. Is the surface smooth and clean?	Recommended	Recommended
3. How many paint colours will be applied with the stencil?	Recommended	
4. Is my paint solvent based or water based?	Recommended	
5. How many coats of paint will I apply?	Recommended	



Stencil Films

These are our most popular

ORAMASK® 810S

The flexible grey stencil film for solvent based paints. Cuts great and applies easily

Our conformable stencil film for that job with uneven surfaces and the stencil film needs to fill those hills and valleys

This has a tough solvent based adhesive and will resist solvent based paints from bleeding under the edge

This is an ideal choice for multi coat or multi colour projects when you need to leave the stencil film on while your paint dries between applications

ORAMASK® 813

The rigid blue stencil film for water based paints. Cuts really well and will deliver a really sharp edge.

This is the rigid film for flat, smooth, clean surfaces like smooth acrylic or aluminium composite

This has high adhesive strength and is suitable for water based acrylic paints.

This is transparent which makes it easier for you to see what's going on underneath

Etched Glass films

ORACAL® 8810

Create great sparkle effects on glass. **ORACAL® 8810** will look great on childrens windows, internal or external glass doors, glass containers and vases. Let your imagination run wild.

Great colours including;

- Mint Green
- Pale Blue
- Pale Pink
- Silver
- Gold

This is a cast film and is very tough. This will give you up to 7 years if placed on a window.

Due to the special frost effect it's a bit thicker than other cast films and as its meant for flat glass. It's not as conformable as other cast films.

ORACAL® 8810 carries solvent based permanent adhesive. For larger projects we recommend using the wet application technique.



Etched Glass films

ORACAL® 8511

Create fantastic sandblast frosted effects on glass windows and doors. This film creates a translucent effect, allowing light but filtering the image behind.

Can add a great feature, including lettering and logo designs to all sorts of glass panels.

ORACAL® 8511 carries a permanent solvent based adhesive and can be wet applied (not the *RapidAir®* version). This film is available in Etched Silver and Gold.



ORACAL® 8530

ORACAL® 8530 provides that Etched Glass appearance and the same characteristics as ORACAL 8511. However, ORACAL 8530 carries a Removable Adhesive for projects you want to remove after 1-2 years and replace.

ORACAL® 8530 is the perfect solution for glass windows and doors around the office or at home as the graphics can be peeled away and changed according to your mood. No residue, just peel off, clean the surface and replace.

This is a calendered film with a silver grey etched finish. This film cuts and weeds really well and is an ideal solution for shop windows, partitions or clear glassware that you want to obscure.

Metalised films

Add that high end finish with **ORACAL® 351** and **ORACAL® 352**

Shiny metalised effects on glass windows, internal or external glass doors, glass containers, timber, aluminium, metal plaques or adding that touch of class to any project.

Outstanding colours including;

- Chrome
- Brushed Chrome
- Double Sided Gold
- Rose Gold
- Gold
- Brushed Silver

ORACAL® 351

Polyester Film
Not for printing
Solvent based permanent adhesive

ORACAL® 352

Polyester Film
Can be screen printed
Solvent based permanent adhesive

Both films are ideal for labels, nameplates, lettering, logos and signs

Available in various film thicknesses and roll sizes

This is polyester film and is very tough. The difference between polyester films and PVC films is that polyester won't shrink. It will tear, but it won't shrink and it won't stretch. This will remain shiny and metalised for about 2 years if placed on a window. Polyester films cut and weed really well however they will not conform to shapes as they are meant only for flat surfaces.

ORACAL® 351 and **ORACAL® 352** carry solvent based permanent adhesive and we strongly recommend using the wet application technique on larger projects.

Double sided Metalised films

ORACAL® 383

Available in;

- Double Sided Gold Ultraleaf
- Double Sided Chrome Ultraleaf

We have the perfect solution for clear glass doors and windows when you want the metalised effect on both sides.

This is a unique 3D embossed film, perfect for lettering, logos and patterns for windows, doors and glassware.

This film will give you 5 years of brightness even when used in external applications.



Transparent Films



Looking for a stained glass window effect

You want colour, but you want to see through the coloured film

ORACAL® 8300 Transparent calendared film is what you are looking for

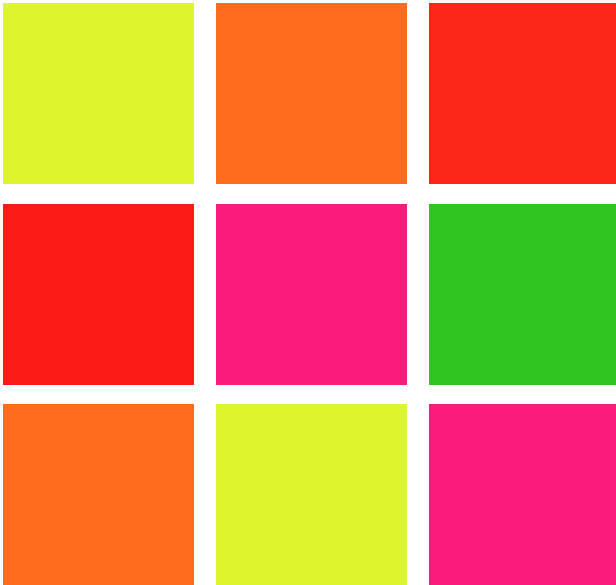
- Highly transparent glossy colours
- 32 colours
- Makes fantastic stained glass window effect
- Solvent based permanent adhesive
- Yes, you can wet apply this film

This is a tough film that is durable for up to 5 years when placed on a window.

It cuts and weeds really well and will perform just like opaque coloured films except its see through.

Ideal film for decorating glasses and vases or making an illuminated light box. Overlap colours to create brilliant effects.

Fluorescent and Glow in the Dark



Fluorescent

You want a pop of colour than look no further than Fluorescent **ORACAL® 6510**.

7 brilliant colours;

- Yellow
- Orange
- Orange Red
- Red Orange
- Red
- Pink
- Green

This cast film is high gloss and has brilliant visibility in daylight. This film cuts and weeds really well and will be a great addition to your next project.



Glow in the Dark

Produce starry nights on the ceiling or stickers that illuminate at night.

ORAJET® 3930 is phosphorescent film, that's the technical term for glow in the dark.

This film needs to absorb daylight, then it releases its green glow when its dark.

What a great way to add safety to doorways or stairs.

This will cut and weed really easily and is simple to apply.

Textured films



ORACAL® 975 will help you create unique projects with amazing finishes.

This range of films include;

- Carbon Fibre Clear, Black, White, Silver, Gold, Anthracite, Red and Blue
- Cocoon Black
- Crocodile Black
- Honeycomb Black, Silver, Gold, Tin and Blue

This is a textured cast film, super tough and will last for years. The film is made from 2 layers including a coloured layer and a textured laminate, bonded together and ready for you to apply onto your next project.

Even though this is a thicker cast film it will conform onto non-flat surfaces.

ORACAL® 975 carries a solvent based permanent adhesive.

Colour Selection

Colour cards, fan decks....

All the sample material you need to evaluate the best film for your next project.

- Gloss and Matt
- Opaque and Transparent
- Metalised
- Frosted
- Textured

To locate an Authorised CRAFT Reseller

Download here or scan QR code



Ask your Authorised CRAFT reseller about colour charts and all the support information available for each film.



Inkjet Print



ORAJET® 1917 is the ideal choice for inkjet printers. This versatile promotional grade matt digital print film carries a micro porous coating, the key to producing brilliant images.

This is a robust PVC film that will work really well with all inkjet printers including those that use water based, oil based, thermal inkjet, mild solvent or pigmented inks. Adhesive is a clear solvent based permanent acrylic and provides excellent adhesion to most substrates. We recommend you laminate with ORAGUARD® 200 if you want your prints to be scuff resistant and water resistant. ORAJET® 1917 is suitable for internal applications and can also be used for short term external applications for approximately 6-12 months depending on environmental conditions.

You can learn more by following the link below.

https://www.youtube.com/watch?v=Iw21bsS_Gfw

Laminating



ORAGUARD® 200 is the ideal laminating film to protect your quality inkjet prints. This robust PVC film is available in matt, gloss & semi gloss finishes. We recommend applying this laminate to all ORAJET® 1917 prints to provide scuff protection and water resistance. Adhesive is a clear solvent based permanent acrylic and provides excellent adhesion.

ORAGUARD® 200 laminate is suitable for internal applications and can also be used for short term external applications for approximately 12 months depending on environmental conditions.

Looking for a product

Opaque Coloured Vinyl

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- ORACAL® 551 – High Performance Calendered Film 10
- ORACAL® 651 – Intermediate Calendered Film..... 10
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Print & Laminate

- ORAJET® 1917 – Self adhesive calendered film..... 15 & 28-29
- ORAGUARD® 200 – self adhesive calendered clear laminating film..... 15 & 28-29

Transparent Coloured Vinyl

- ORACAL® 8300 – Premium Translucent Cast Film..... 24

Fluorescent Coloured Vinyl

- ORACAL® 6510 – Fluorescent Cast Film 25

Etched Glass Film

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Phosphorescent Vinyl (Glow in the Dark)

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Metalised Film

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- ORACAL® 352 – Metalised Polyester Film 22

Special Effect Metalised Film

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Glitter Vinyl

- ORACAL® 851 – Glitter Cast Film 11-12

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Transfer Tapes

- ORATAPE® HT4076 – High Tack Application Tape 10-11 & 13
- ORATAPE® MT95 – Medium Tack Application Film 10-11 & 13

Stencil Films

- ORAMASK® 810S – Solvent Resistant Transparent Grey 18-19
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Endless possibilities

ORAFOL Australia

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