

**DOUBLE SIDED ORABOND
PVC ACRYLIC**

PRODUCT DATA SHEET

3331
ORABOND PVC CARRIER HIGH
BOND ACRYLIC ADHESIVE

DESCRIPTION

The Orabond 3331 consists of a strong hard PVC Film carrier, coated both sides with a high performance modified solvent acrylic adhesive. Its high shear resistant adhesive has excellent durability when attached to metal, varnish and high energy surfaces. Also it has good adhesive performance when bonded to various low surface energy surfaces. Because of its high adhesive mass it is also appropriate for textured type surfaces. Product is made in Germany.



ADHESIVE	MODIFIED SOLVENT ACRYLATE
CARRIER	PVC FILM
RELEASE LINER	SILICONE COATED PAPER

FEATURES



HIGH TACK

Superior high tack & aggressive bond strength.



PLASTICISER, MOISTURE & CHEMICAL RESISTANCE

Holds good plasticiser, moisture and chemical resistant properties.



GOOD UV & ENVIRONMENTAL RESISTANCE

Holds good resistance properties against UV light and environmental conditions.



ROHS & REACH COMPLIANT

Complies with RoHs and REACH standards.



AGGRESSIVE BOND TO LSE

Aggressive bond to low surface energy materials.



LONG LIFE, HIGH SHEAR

Long life, high shear adhesive system.



GOOD TEMPERATURE RANGE

Good temperature range resistances temperature (- 40°C to +70°C).



FDA APPROVED

FDA approved for use in food areas.

TYPICAL APPLICATIONS

- Used in the display & point of sale media market - for attaching displays, signs and splicing banners.
- Used as an adhesive medium to attach various extruded plastic & metal profiles.
- For the permanent attachment of furniture trim, badges, nameplates & signage.
- Universal mounting and bonding tape for various industries.
- Mounting & fixing of covers and handles in the audio, appliance & electronics industries.
- Used as a mounting / bonding method in metal fabrication, sporting products, print finishing fabric & leather manufacturing.
- Materials: Metal, glass, paper, board, plastics (PP, PS, PC, ABS, PET & PVC), powder coated surfaces, wood (smooth) & veneer surfaces.
- NOTE: Prior surface testing is always recommended to assess that the tape is suitable for the application.

ADVANTAGES

QUICK & EASY TO USE

No clean up mess which occurs with liquid adhesives.

ECONOMICAL

Preparation time is minimal.

Installation is faster & waste is reduced.

SLIT TO SIZE IN NZ

Roll widths are slit to required sizes in New Zealand. Fast delivery to site throughout New Zealand.

FREE TECHNICAL ADVICE

Free technical assistance, samples and advice available throughout NZ from the tape spec sales team.

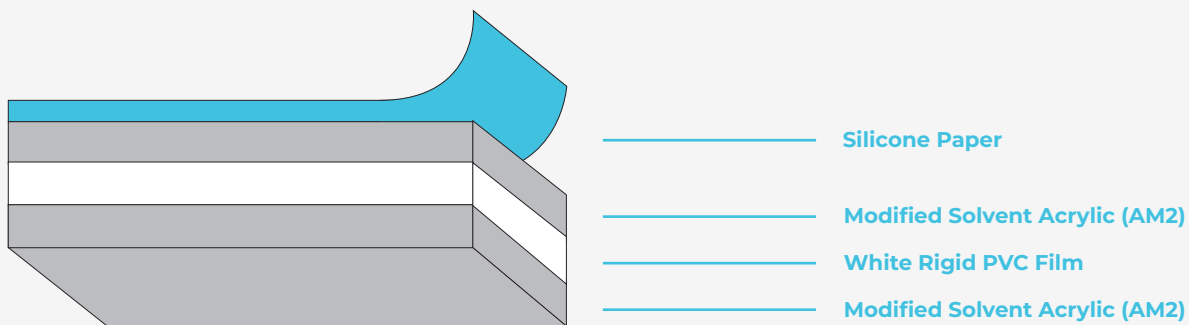
PRODUCT

ORABOND DOUBLE SIDED PVC - HIGH BOND ACRYLIC ADHESIVE

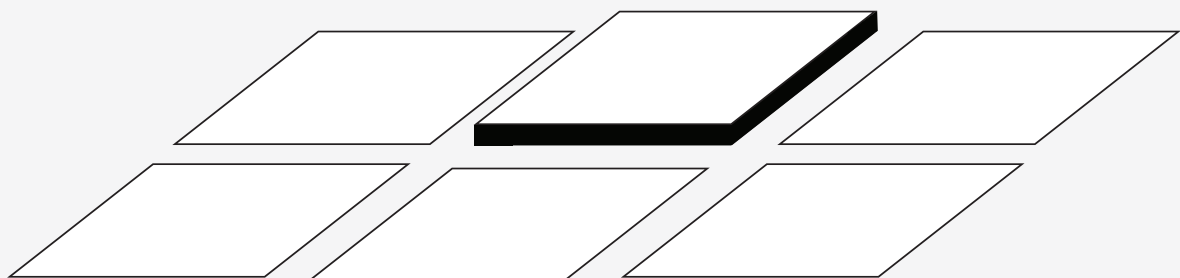
Note: Testing is always recommended on all surfaces for suitability.

A primer system maybe required for bonding to LSE substrates. Rolls can slit to various width sizes to suit the application.

TAPE STRUCTURE



DIECUTTING



Able to be die and kiss cut into various shapes (with an extra release liner).

CERTIFICATION

Characterization according to REACH Regulation. The product is an article within the meaning of the **Regulation (EC) No 1907/2006 (REACH) Article 3.**

FDA - The adhesive used meets the demands of the **Code Of Federal Regulations, Food and Drugs (FDA)**, 21 CFR C. 1 (April 1st 2008 edition) - 175.105

H-FCKW Regulation (EC) No 1005/2009 - product does not contain any substances that deplete the ozone layer.

TECHNICAL INFORMATION

Carrier	Hard PVC film, 38 microns, White
Finger lift Release Liner	White silicone coated paper, 90 g/m2, with green ORAFOL branding.
Adhesive	AM2 - Modified solvent acrylate (high bond)
Thickness (adhesive and carrier)	230 microns
Adhesive power (FINAT TM 1 - on stainless steel, one side covered with 50 micron polyester film)	1 minute - 30 N/25mm 20 minutes - 35 N/25mm 24 hours - 37 N/25mm
Shear strength (FINAT TM 8 - on stainless steel, one side covered with 50 micron polyester film)	23°C >400 hours 70°C >6 hours
Minimum application temperature	15°C
Temperature resistance	-40°C to + 70°C
Resistance to solvents and chemicals	With expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis.
Shelf life	2 years (at 20°C and 50% relative humidity)
Available	Available as slit rolls. Rolls can slit to required width sizes x 50 m length.

Slit to various width sizes as required.

SIMILAR PRODUCTS

- 5139 - Clear polyester acrylic adhesive. Thickness: 0.16mm
- 1400 - Clear Polyester acrylic adhesive. Thickness: 0.20mm
- Orafol 1397 - Clear Polyester acrylic adhesive. Thickness: 0.21mm

SURFACE SUBSTRATE CONDITION & PREPARATION

The surfaces to be bonded must be dry & free from any contamination including dust, oils, & fats, oxidation, release agents & any other known contamination.

The correct choice of surface cleaner depends on the surface properties. Essentially non-greasy cleaners are recommended including isopropanol alcohol (mixed 50/50 with clean water). Cleaning cloths must be clean, grease & fat free with no loose fibers or cloth particles. The bond strength is dependent upon the contact pressure of the adhesive to substrate. To assist this process all adhesive tapes require firm hand or roller pressure.

BONDING APPLICATION TEMPERATURE

We recommend that the product, substrate & environment should be between +15°C & 25°C. Ensure that the adhesive product & substrates are allowed time to adjust to the environment temperature before bonding.

For product storage we recommend that products are stored in their original packaging under dry conditions, ideally at room temperature but not warmer than +30°C. High relative humidity & direct sunlight must be avoided at all costs.

For more detailed handling instructions please refer to our comprehensive application guide.

PRODUCT USE

The information in this guide is based upon our knowledge & practical experience. This data is intended only as a source of information given without guarantee & does not constitute a warranty.

Due to the wide variety of possible uses & applications, customers should independently determine the suitability of these products for their specific purpose, prior to use. Trial samples are provided free of charge & without obligation.

For detailed surface preparation & application information please refer to our detailed Surface Condition & Preparation Guide.

NOTE: We recommend tape product testing to assess the suitability of the selected product to the end application & conditions. For surface preparation and guidelines please refer to our website www.tapespec.co.nz Advanced Tape Application Guide.



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