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Foam & Mounting Tapes: 1314 -1315

The Orafol double-sided tape consists of a clear polyester film carrier, layered on both sides with a modified solvent acrylate adhesive. Because of its high adhesive mass it is also appropriate for rough or structured surfaces.

PRODUCT SPECIFICATION

PRODUCT:	Double sided polyester high bond modified acrylic
ADHESIVE:	Modified solvent acrylic
CARRIER:	Clear polyester film
RELEASE LINER:	PE plastic

FEATURES

EXCELLENT CHEMICAL, SOLVENT & HUMIDITY RESISTANCE	Very good resistance to chemicals, solvents and humidity.
EXCELLENT LONG LIFE	Excellent long-life durability when attached to metal, plastics & high surface energy substrates.
ROHS & REACH COMPLIANT	Complies with RoHs and REACH standards.
FDA APPROVED	FDA approved for use in food areas.
EXCELLENT UV RESISTANCE	Excellent UV resistant properties.
EXCELLENT SHEAR STRENGTH	Its highly shear- resistant adhesive has an excellent durability when attached to low energy surfaces.
EXTREME TEMPERATURES RESISTANCE	Has very good resistance against extreme temperatures (- 40°C to +160°C, for short periods up to +180°C).

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TYPICAL APPLICATIONS

Used for the secure attachment of truck and car mirrors in plastic housings.	Excellent self-adhesive medium for plastic trim, profiles, bars & laminates.
Used as a self - adhesive medium for trims, covers and cable trunks.	Extra high bond to all HSE - High Surface Energy materials.
For the extension and splicing of paper, textiles, plastic and metal films where high shear strength and adhesion are required.	Very Good bond life to LSE - Low Surface Energy materials.
Excellent for attaching PVC extrusions, furniture trim, nameplates & acrylic signs.	

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.

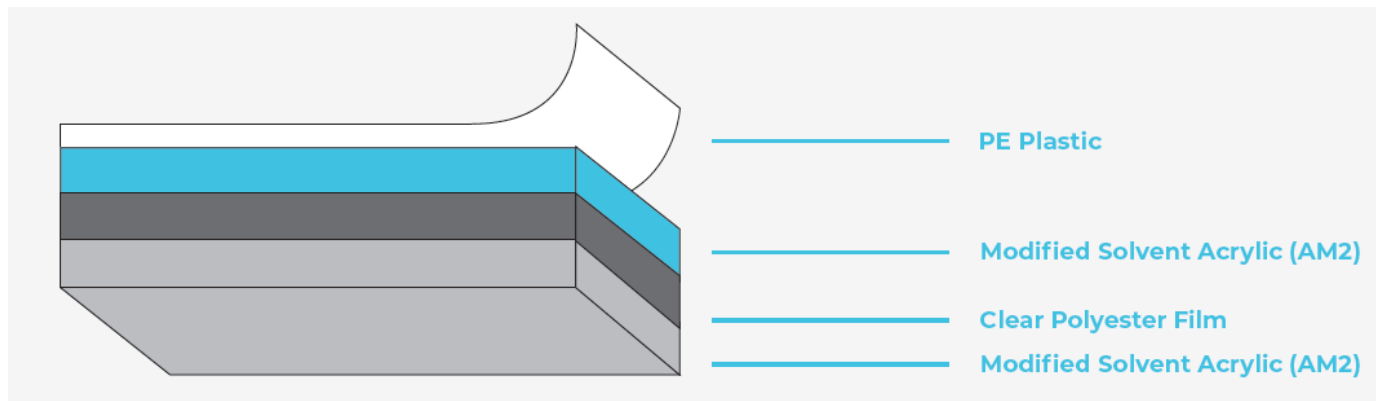
PRODUCT

DOUBLE SIDED POLYESTER, HIGH BOND MODIFIED 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

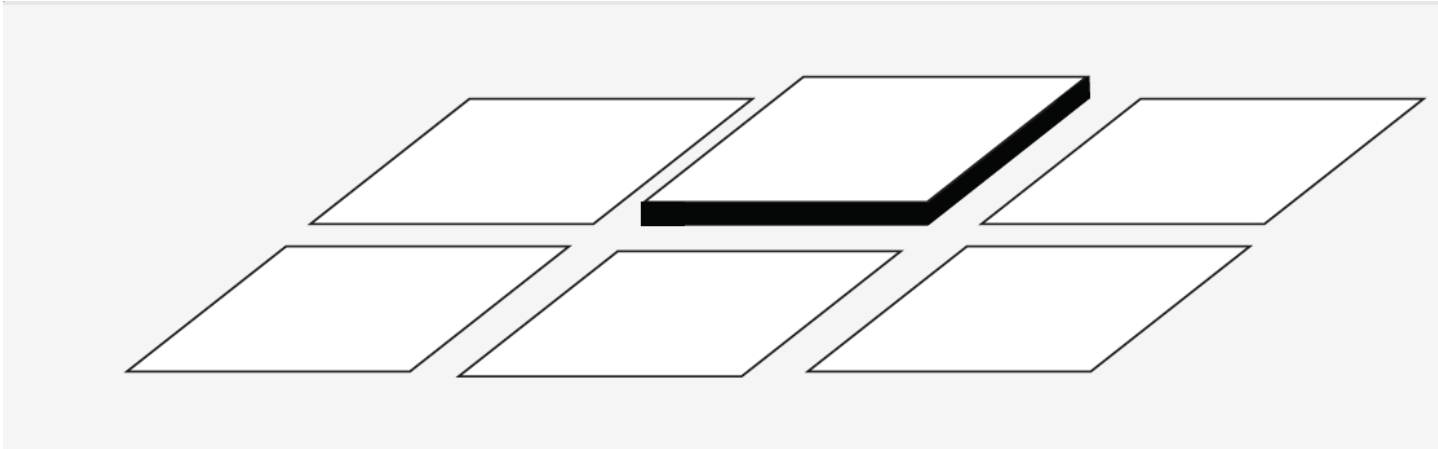




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DIECUTTING



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

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

TECHNICAL INFORMATION

CARRIER	Polyester film, 12 microns
COLOUR	Very Good Transparency (Clear)
LINER	Both sides siliconized polypropylene film Salmon red
ADHESIVE	Modified solvent acrylate (high bond)
ADHESIVE POWER (FINAT TM 1 on stainless steel, one side covered with 50 micron polyester film)	1 minute - 24 N/25 mm 20 minutes - 30 N/25 mm 24 hours - 40 N/25 mm
SHEAR STRENGTH (FINAT TM 8 on stainless steel, one side covered with 50 microns polyester film)	23°C >400 hours 70°C 1 hour
THICKNESS (adhesive and carrier)	210 microns
MINIMUM APPLICATION TEMPERATURE	15°C

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TECHNICAL INFORMATION

Temperature resistance	-40°C to +160°C for short periods up to +180°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 200C and 50% relative humidity)
Roll size	Rolls can slit to required width sizes x 50 m length.
Slit to various width sizes as required.	

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.



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