



ORABOND® 1377

ORABOND® 1377 is a highly transparent 120 micron pure acrylic adhesive with 100 g/m² moisture stable PE coated brown craft liner with excellent slitting and die cutting capabilities, giving good lay-flat and slip properties for handling of printed plastic and metal sheets when used in sheet feed conversion equipment.

The product offers high temperature and shear performance, to reduce slipping or lifting in electronic product name plate or inlay applications.

Also available in sheets with the product number ORABOND® 1377S.

Formerly an ORAFILM® branded product

ORABOND® 1377 has been developed to give an excellent balance of properties in lamination and bonding projects with:

- Metal
- Polycarbonate
- Polyesters
- Other high energy film materials
- High shear adhesion to plastic films (used in many fascia panels and spacer tapes)

It is also the product of choice when working with:

- Printed plastics for electrical component inlays
- Name plates
- Speciality film label constructions (where the printing is encapsulated between the plastic sheet and the adhesive)

ORABOND®

Engineered to Perform Better™

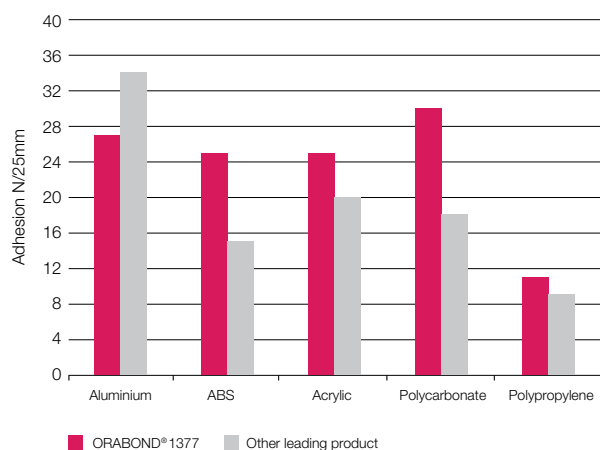
To find out more information visit www.orafol.com
or email adhesive.tapes@orafol.de if you have any questions.

ORAFOL®

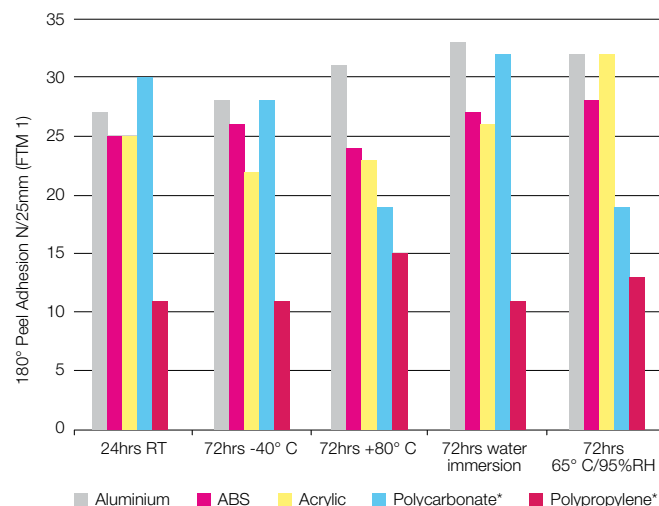
Adhesive Performance Characteristics

ORABOND® 1377

Peel Adhesion on Various Substrates at RT



Peel Adhesion on Various Substrates after Exposure Tests



Peel measurements (FTM1), [N/25mm] after mentioned conditions

	24 hours room temperature		72 hours -40° C		72 hours +80° C		72 hours water immersion		72 hours 65° C/95% RH	
	ORABOND® 1377	Other leading product	ORABOND® 1377	Other leading product	ORABOND® 1377	Other leading product	ORABOND® 1377	Other leading product	ORABOND® 1377	Other leading product
Aluminium	27	34	28	30	31	38	33	46	32	40
ABS	25	15	26	17	24*	22*	27	17	28*	18*
Acrylic	25	20	22	20	23*	20*	26	22	32*	17*
Polycarbonate	30	18	28	18	19*	14*	32	19	19*	15*
Polypropylene	11	9	11	10	15	14	11	11	13	13

Average values. *Results affected by out-gassing of test substrates

Shear adhesion performance (FTM 8)

- 1000 hours at 23° C (room temperature) (FTM 8)
- 72 hours at 70° C (FTM 8)

UL Recognition

ORABOND® 1377 and ORABOND® 1377S conform to UL 969.

Application and Storage Guidelines

ORABOND® 1377 can be applied to dry, clean surfaces at temperatures between 10° C and 30° C. Shelf life is 24 months from date of manufacture. **original packaging, at 20° C, 50% RH. ORABOND® 1377 complies with requirements of RoHS.

