Adhesive Tape Systems

Industrial Tapes

Adhesive Tapes for Industry

Engineered to Perform Better™

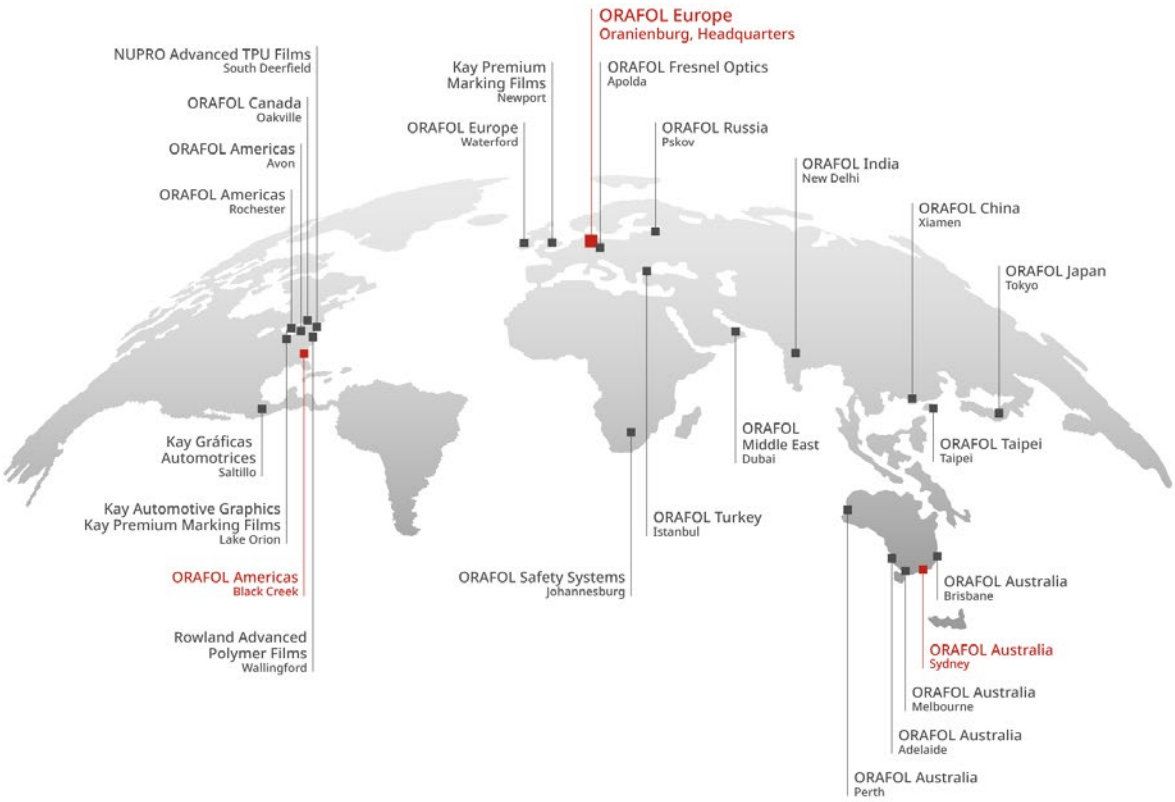
ORAFOL®

ORAFOL Europe GmbH

Headquarters and production facility

ORAFOL is one of the world's leading manufacturers of adhesive tape systems, innovative self-adhesive graphic films and reflective materials. The international ORAFOL GROUP is headquartered just outside the city gates of Berlin, in Oranienburg.

ORAFOL's Worldwide Locations



Industrial Tapes

Find the right solution for your needs
The ORAFOL families of adhesive tapes are suitable for high performance applications in most industries with our main focus being automotive, electronics and mobile devices, white goods, furniture, plastics and trims as well as point of sale industries.

Made in Germany.

Transfer tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)		Loop tack (N/25 mm)
						20 min	24 h	23° C	70° C	
Pure acrylic	**ORABOND® 1375** **1375S (Sheets)**	A7	without	60	100 g PE paper, brown	18	20	> 1000 h	> 72 h	11
Pure acrylic	**ORABOND® 1377** **1377S (Sheets)**	A7	without	120	100 g PE paper, brown	22	24	> 1000 h	> 72 h	13
Modified acrylic	**ORABOND® 1325**	AM12	without	60	100 g PE paper, brown	22	25	> 500 h	> 10 h	21
Modified acrylic	**ORABOND® 1328**	AM12	without	120	100 g PE paper, brown	29	32	> 100 h	> 1 h	29
Modified acrylic	**ORABOND® 1368WA**	AM3 glass fibre filled	without	50	100g PE-liner, white	22	27	> 400 h	> 6 h	20
Modified acrylic	**ORABOND® 1370**	AM3 glass fibre filled	without	90	90 g paper, brown	25	28	> 400 h	> 6 h	22

Temperature resistance (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
	UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
-40 to +170° C	4	4	4	4	1	For the production of metal, polycarbonate and other plastic fascias, nameplates and decals; used for lamination of membrane switch assemblies and other electronic component mounting in mobile telephones and for other applications that require an extremely high shear strength and temperature resistance; **UL 969 listed.**
-40 to +170° C	4	4	4	4	1	For the production of metal, polycarbonate and other plastic fascias, signs, nameplates and decals; used for lamination of membrane switch assemblies and other electronic component mounting in notebooks, mobile telephones and for other applications that require an extremely high shear strength and temperature resistance; **UL 969 listed.**
-40 to +150° C	4	3	3	3	4	For low energy surface lamination: for foams and materials that require an extremely high shear, adhesive strength and temperature resistance, excellent resistance to UV radiation, extreme temperatures, chemicals, solvents and humidity. **UL 969 listed.**
-40 to +150° C	4	3	3	3	4	The ideal bonding solution for low surface energy coatings and plastics. It offers a high initial adhesion, and works well also on rough, structured or stamped surfaces. It is the product of choice when working with polypropylene sheets, polycarbonate sheets and filled polypropylene. **UL 969 listed.**
-40 to +150° C	4	3	3	3	3	PVC & polyolefin foam lamination, leaded windows, metal and plastic name- plates and fascia panels, production of special labels and decals in electronic industries; for low energy surfaces.
-40 to +150° C	4	3	3	3	4	Foam lamination, metal and plastic nameplates, security glazing tapes, decals in electronic industries; for rough surfaces.

* 914 x 610 mm, 610 x 457 mm, 457 x 305 mm

Acrylic Tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)		Loop tack (N/25 mm)
						20 min	24 h	23° C	70° C	
Modified acrylic	**ORABOND® 1194** FDA	AM10	57 micron PP	215	90 g paper, brown	25	28	> 600 h	> 10 h	28
	ORABOND® 1195 FDA	AM10	12 micron PET	130	90 g paper, brown	23	25	> 600 h	> 10 h	28
	ORABOND® 119508 FDA	AM10	12 micron PET, black	130	90 g paper, brown **Also available with TM liner**	23	25	> 600 h	> 10 h	28
	ORABOND® 1197 FDA	AM10	12 micron PET, white	210	90 g paper, brown	30	32	> 600 h	> 10 h	28
	ORABOND® 119708 FDA	AM10	12 micron PET, black	210	90 g paper, brown	30	32	> 600 h	> 10 h	28
	ORABOND® 1391PP FDA	AM2	12 micron PET	160	80 micron, PP film salmon	25	29	> 400 h	> 6 h	28
	ORABOND® 1392 FDA	AM2	38 micron hard PVC, white	260	90 g paper, brown **Also available with TM liner**	36	38	> 400 h	> 6 h	23
	ORABOND® 1393 FDA	AM2	100 micron soft PVC, white	270	90 g paper, brown	38	42	> 400 h	> 6 h	45

Temperature resistance (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
	UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
-40 to +120° C	4	3	4	3	3	Cable trunking, furniture trim, general plastic component bonding and mounting, lamination of automotive mirrors, high temperature splicing.
-40 to +160° C	4	4	4	3	3	Electronic applications, stamped parts, lamination of signs, covers, scales, metal and plastic films; recommended for lightly structured surfaces.
-40 to +160° C	4	4	4	3	3	Electronics, mobile telephone gaskets.
-40 to +160° C	4	4	4	3	3	Electronics, mobile telephone gaskets, high temperature splicing.
-40 to +160° C	4	4	4	3	3	Electronics, mobile telephone gaskets, high temperature splicing.
-40 to +160° C	4	4	4	3	4	PVC extrusions, furniture trims, splicing for high temperature operations, splicing of difficult materials, intermediate thickness version of 1397PP.
-40 to +70° C	4	2	4	3	4	Sign making, digital graphics mounting, extrusion applications, lamination of automotive mirrors and white goods components; for rough surfaces.
-40 to +80° C	4	2	4	3	4	Furniture trims, cable trunking, lamination of automotive mirrors; for rough surfaces.

Acrylic Tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)		Loop tack (N/25 mm)
						20 min	24 h	23° C	70° C	
Modified acrylic	**ORABOND® 1395**	AM2	12 micron PET	130	90 g paper, brown **Also available with TM liner**	24	28	> 400 h	> 6 h	38
	ORABOND® 1396	AM2	Tissue	130	90 g paper, brown	24	28	> 400 h	> 6 h	28
	ORABOND® 1397	AM2	12 micron PET	210	90 g paper, brown **Also available with TM liner** **Also available with red PP liner**	30	35	> 400 h	> 6 h	33
	ORABOND® 1398	AM2	12 micron PET	70	90 g paper, brown	22	24	> 400 h	> 3 h	15
	ORABOND® 1399	AM2	Tissue	190	90 g paper, brown **Also available with TM liner**	29	35	> 400 h	> 6 h	28
	ORABOND® 1301	AM7 (red coloured modified acrylic)	Tissue	90	90 g paper, brown	17	17	-	> 72 h	22

Temperature resistance (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
	UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
-40 to +160° C	4	4	4	3	4	Sign boards, general fixing, sail making tapes, electronic component mounting, special labels; thinner version of 1397.
-40 to +140° C	4	3	3	3	4	Foam lamination, sign boards, general fixing; for smooth or lightly porous surfaces, thinner version of ORABOND® 1399.
-40 to +160° C	4	4	4	3	4	PVC extrusions, furniture trims, splicing for high temperature operations, splicing of difficult materials, lamination of automotive mirrors. PP version also for production of sails for sailboards.
-40 to +160° C	4	4	4	3	3	Lamination of signs, covers, metal and plastic films, white goods component fixing, electronic products; for even surfaces.
-40 to +140° C	4	3	3	3	4	High performance fixing, mounting of roller blinds, point of sale, foam lamination, splicing of difficult materials; for rough surfaces.
-40 to +140° C	4	4	3	4	3	For splicing of paper and boards where there is a requirement for a visible splice or automatic splice detection using optical devices.

Acrylic Tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)	
						20 min	24 h	23° C	70° C
Modified acrylic	**ORABOND® 1354L**	AM1	Tissue	110	90 g paper, brown	18	20	48 h	1 h
	ORABOND® 1331	AM1 / AM5	12 micron PET	100	90 g paper, brown **Also available with red PP liner**	open side: 18 covered side: 1.2	open side: 20 covered side: 1.5	open side: 48 h covered side: 500 h	open side: 1 h covered side: 72 h
	ORABOND® 1333	AM1 / AM6	12 micron PET	80	90 g paper, brown	open side: 11 covered side: 7	open side: 14 covered side: 8	open side: > 1000 h covered side: > 300 h	open side: 72 h covered side: >72 h
	ORABOND® 1334	AM1 / AM6	12 micron PET	100	90 g paper, brown **Also available with PP liner**	open side: 18 covered side: 7	open side: 20 covered side: 8	open side: > 300 h covered side: > 300 h	open side: 72 h covered side: >72 h
	ORABOND® 1336	AM1 / AM5	36 micron PET	120	90 g paper, brown	Open side: 18 covered side: 1.2	Open side: 20 covered side: 1.5	Open side: > 48 h covered side: > 500 h	Open side: > 1 h covered side: > 72 h
Pure acrylic	**ORABOND® 1389**	A1	12 micron PET	70	90 g paper, brown	12	16	> 1000 h	> 72 h

Loop tack (N/25 mm)	**Temperature resistance** (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
		UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
17	-40 to +120° C	4	3	3	3	3	For high performance foam lamination, lamination of paper or wood veneers to wood and MDF boards.
open side: 10 covered side: 3	-40 to +120° C	4	2	2	3	2	Recommended for use where a permanent bond to the primary substrate is required, with a “post-note” low tack bond to the other substrate (open side permanent bonding): for window protection pads and removable splicing; easy and residueless removal from covered side.
open side: 10 covered side: 6	-40 to +120° C	4	2	4	4	1	Recommended for use where a permanent bond to the primary substrate is required, with a medium tack temporary bond to the other substrate (open side permanent bonding); residueless removal from covered side.
open side: 20 covered side: 6	-40 to +120° C	4	2	2	3	2	Especially suitable as a self-adhesive medium for different materials. Ideal for situations where residueless removal is required.
open side: 10 covered side: 3	-40 to +120° C	4	2	2	3	2	Special version of ORABOND® 1331. Intended use in label conversion of smart card and credit card applications. Easy and residueless removal from covered side.
8	-40 to +170° C	4	4	4	4	1	Lamination of digital printed signs, window roller blind attachment; recommended for thin materials with even surfaces.

Acrylic Tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)		Loop tack (N/25 mm)
						20 min	24 h	23° C	70° C	
Modified dispersion acrylic	**ORAFLEX® 1142**	AD1	Rayon	310	90 g paper, brown	15	17	10 h	5 min	10
	ORABOND® 1346 FDA	AD7	Tissue	110	90 g paper, brown	18	21	48 h	20 min	15
	ORABOND® 1348 FDA	AD7	Tissue	100	90 g paper, brown **Also available with TM liner**	19	22	24 h	30 min	14
	ORABOND® 1358 FDA	AD7	Tissue	155	90 g paper, brown **Also available with TM liner**	22	25	72 h	75 min	17
	ORABOND® 1358GI FDA	AD7	Scrim	230	90 g paper, brown	27	30	> 7 h	15 min	27
	ORABOND® 1354N	AD4	Tissue	180	90 g paper, brown	22	25	72 h	20 min	22
	ORABOND® 1350GI	AD16	Scrim	230	90 g paper, brown	27	30	> 7 h	15 min.	27
	ORABOND® 1359	AD16	Tissue	160	90 g paper, brown	25	27	> 72 h	30 min.	26
	ORABOND® 13417	AD11	scrim	200	60 micron PP, white	>40	>40	>20min	-	30 (steel); 30 (concrete)
	ORABOND® 13515	AD10	scrim	220	film liner, white	>30	>30	>5h	-	27
	ORABOND® 13555W	AD10	PET film	150	140 g paper, white	>28	>28	>5h	-	>25

Temperature resistance (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
	UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
-40 to +80° C	4	2	2	2	1	Mounting of blankets in offset printing, fixing of dry sand paper to grindstones, synthetic profiles and rubber mouldings; for rough and structured surfaces.
-40 to +100° C	4	2	2	2	2	Good APEO-free distributor grade used for multiple end applications, rubber, leather, textile and foam lamination, splicing of paper, cardboard and film.
-40 to +120° C	4	2	2	2	2	APEO-free economy foam lamination product: for lamination of cellular rubber, small pore and impregnated foams, felt fabrics and other smooth and slightly rough surfaces; highly resistant against ageing and plasticisers.
-40 to +120° C	4	2	2	2	3	APEO free, for lamination of cellular rubber, open-pore and impregnated foams, felt-fabrics and other rough, open surfaces; highly resistant against ageing and plasticisers.
-40 to +140° C	4	2	2	2	3	Extremely flexible APEO free tape for lamination of cellular rubber and EPDM; also for textiles and wood, open-pore and impregnated foams, cellular PE, soft PVC and other rough, open surfaces. Suitable for applications where resistance to high temperatures, ageing and plasticisers are needed.
-40 to +140° C	4	2	3	3	3	Foam lamination in refrigeration evaporator mounting; application in a broad temperature range.
-40 to +140° C	4	2	2	2	4	Adhesion of cellular rubber, textiles, wood, open-pore and impregnated foams, cellular polyethylene, soft PVC and other rough, open surfaces.
-40 to +140° C	4	2	2	2	2	For bonding of cellular rubber, textiles, wood, open-pore and impregnated foam, cellular PE, soft PVC and other rough and open surfaces.
-40 to +80°C	4	0	4	3	3	Extremely flexible tape for the construction industry: cold bonding of up to -10°C. Effective bonding to concrete, wood, small-pore and impregnated foams, cellular polyethylene, soft PVC, various LSE surfaces, textiles as well as other smooth and slightly rough substrates.
-40 to +120°C	4	1	3	3	3	Extremely flexible tape for the construction industry: bonding of cellular rubber and EPDM as well as textiles, wood, open-pore and impregnated foams, cellular polyethylene, soft PVC and other rough, open surfaces.
-40 to +120°C	4	1	3	3	3	For the construction industry: bonding of concrete, wood, small-pore and impregnated foams, cellular polyethylene, soft PVC, other plastics, as well as smooth and slightly rough surfaces. The polyester carrier offers an additional barrier for plasticisers.

Rubber Tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)		Loop tack (N/25 mm)
						20 min	24 h	23° C	70° C	
Synthetic rubber	**ORABOND® 1453**	SR1	18 micron PP film	140	80 g paper, brown	27	30	> 72 h	-	21
	ORABOND® 1443	SR1	18 micron PP film	100	80 g paper, brown **Also available with PP liner**	23	26	> 72 h	-	18
	ORABOND® 1455	SR1	Tissue	130	80 g paper, brown	27	30	> 72 h	-	16
	ORABOND® 1459 FDA	SR5	Tissue	140	80 g paper, brown	20	21	> 72 h	-	13
	ORABOND® 1466	SR6	Tissue	160	Paper tissue, 12.7 g	18	21	> 72 h	10 min.	14
	ORABOND® 1469	SR10	Tissue	90	80 g paper, brown	14	15	> 72 h	-	12
	ORABOND® 1473	SR7	Tissue	110	80 g paper, brown	25	30	6 h	-	30
	ORABOND® 1486 FDA	SR14	Tissue	160	90 g paper, brown	32	35	> 50 h	-	36
	ORABOND® 14862 FDA	SR14	Tissue	130	90 g paper, brown	30	35	> 50 h	-	36
	ORABOND® 1489 FDA	SR14	Glass scrim	250	90 g paper, brown	40	45	24 h	-	56
	ORABOND® 14891 FDA	SR14	Glass scrim	200	120 g paper, white	38	43	24 h	10 min.	15

Temperature resistance (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
	UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
-40 to +70° C	1	1	4	1	4	Lamination of foams, boards, profiles, metal, paper and hard PVC, high tack and immediate bonding.
-40 to +70° C	1	1	4	1	4	For general bonding and point of sale applications; for closed cellular foams and rubber for even surfaces, economy version of ORABOND® 1453. PP version also recommended for extruded magnets, furniture trim and security bag seals.
-40 to +70° C	1	1	4	1	4	Foam lamination, general bonding; tissue carrier version of ORABOND® 1453.
-40 to +70° C	1	1	4	1	4	Lamination of closed cell foams, PE and hard PVC, general fixing of wood, metal and glass in internal applications; for rough and even surfaces.
-40 to +80° C	1	2	4	1	4	Adhesive medium for smooth surfaced materials (e.g. metal, polystyrene, glass) as well as for hard PVC and cellular polyethylene. Also used for lamination and sealing of mineral fibre insulation.
-40 to +70° C	1	1	4	1	2	For general fixing of wood, metal and glass in internal applications.
-40 to +60° C	1	1	4	1	4	Lamination of impregnated foams and rough materials in internal applications.
-40 to +70° C	1	2	4	1	4	For bonding to EPDM rubber, for refrigeration evaporator mounting.
-40 to +70° C	1	2	4	1	4	For bonding on smooth surfaces like metal, polystyrene, glass and hard PVC; used extensively in refrigeration market for mounting of evaporator plate panels.
-40 to +100° C	1	2	4	1	4	EPDM extrusions, impregnated foams, lamination of cellular rubber, filter mounting; high rip-resistance and low elongation.
-40 to +100° C	1	2	4	1	4	EPDM extrusions, impregnated foams, lamination of cellular rubber, filter mounting; high rip-resistance and low elongation.

Foam Tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)		Loop tack (N/25 mm)
						20 min	24 h	23° C	70° C	
Pure acrylic	**ORABOND® 1802**	A3	PE foam, white, 2.0 mm	2.1	90 g PE-paper, blue	> 16	> 16	> 1000 h	> 72 h	20
	ORABOND® 1803	A3	PE foam, black, 2.0 mm	2.1	90 g PE-paper, blue	> 16	> 16	> 1000 h	> 72 h	20
	ORABOND® 1810 1810W	A1	PE foam, white, 1.0 mm	1.1	140 g PE-paper, 1810: blue 1810W: white	> 16	> 16	> 1000 h	> 72 h	20
	ORABOND® 1815	A1	PE foam, white, 1.5 mm	1.6	140 g PE-paper, blue	> 16	> 16	> 1000 h	> 72 h	20
	ORABOND® 1824	A1	PE foam, black, 0.8 mm	0.9	140 g PE-paper, white **Also avaiable with PE liner, green**	17	20	> 1000 h	> 72 h	28
	ORABOND® 1825	A3	PE foam, black, 0.5 mm	0.6	140 g PE-paper, white, with blue Orafol logo	17	20	> 1000 h	> 72 h	20
Synthetic rubber	**ORABOND® 1831**	RL2	PE foam, white, 1.0 mm	1.1	90 g paper, white **Also available with TM liner**	> 18	> 18	> 500 h	1 h	35
	ORABOND® 1836	RL2	PE foam, white, 1.5 mm	1.6	90 g paper, white	> 18	> 18	> 500 h	> 1 h	28
	ORABOND® 1840	RL2	PE foam, white, 0.8 mm	0.9	90 g paper, white	> 18	> 18	> 500 h	1 h	28
Modified acrylic	**ORABOND® 1807**	AM2	PE foam, black, 2.0 mm	2.1	90 g paper, blue	> 19	> 19	> 300 h	> 6 h	28
	ORABOND® 1808	AM2	PE foam, black, 0.5 mm	0.6	90 g paper, white	> 20	> 20	> 300 h	> 6 h	30
	ORABOND® 1811	AM2	PE foam, white, 1.0 mm	1.1	90 g paper, blue **Also available with PE liner, white**	> 18	> 18	> 300 h	> 6 h	28
	ORABOND® 1812	AM2	PE foam, white, 1.0 mm	1.1	90 g paper, white **Also available with TM liner**	> 18	> 18	> 300 h	> 6 h	30

Temperature resistance (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
	UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
-40 to +95° C	4	3	4	4	2	Used for the installation of mirrors in the furniture and sanitary industry. For adhesion of aluminium, steel and GRP outer skins during the construction of truck containers. For the fixing of panels and handles in the appliance and electrical industry.
-40 to +95° C	4	3	4	4	2	Used for the installation of mirrors in the furniture and sanitary industry. For adhesion of aluminium, steel and GRP outer skins during the construction of truck containers. For the fixing of panels and handles in the appliance and electrical industry.
-40 to +95° C	4	3	4	3	2	Mounting of window bars, signs, extrusion profiles and mirrors, for solar panel production; complies with FIRA requirements. **UL 746C listed.** Certificate: Mirror mounting according to TÜV/Rheinland/LGA guideline, Report no. 21267939_001
-40 to +90° C	4	3	4	3	2	Mounting of mirrors, window bars (muntin bars), trims, panels and handles in furniture production as well as signs, displays and product prototypes in the advertising industry; for lamination of aluminium, steel and GRP outer skins during the construction of truck containers.
-40 to +95° C	4	3	4	3	2	Optical lens grinding pads, automotive badge and trim mounting, wheel weights.
-40 to +95° C	4	3	4	3	2	Fixing of badges, trims, panels and other fixings in the automotive industry.
-30 to +70° C	1	1	4	1	4	General purpose fixing and high shear application, plastic hooks and hangers, mirror mounting; complies with FIRA requirements, for rough surfaces.
-30 to +70° C	1	1	4	1	4	General purpose fixing and high shear application, plastic hooks and hangers; for apolar surfaces.
-30 to +70° C	1	1	4	1	4	General purpose fixing and high shear application, plastic hooks and hangers, mirror mounting; complies with FIRA requirements; for apolar surfaces.
-40 to +80° C	4	3	4	3	3	For installation of even surfaced spray cast and extruded plastic parts such as panels, bars and signs, as well as plexiglas mirrors for interior fit-outs and displays. For use as an adhesive medium for hooks, handles and dispensers on even surfaces.
-40 to +90° C	4	3	4	3	3	For fixing of trims, badges, panels, letters, emblems and other external fixings in the automotiveaftermarket industry.
-40 to +80° C	4	3	4	3	3	General mounting applications, lamination of plastic hooks, plastic hangers, cable trunking and furniture profiles; for interior application. **UL 746C listed.**
-40 to +80° C	4	3	4	3	3	Point of sale, general fixing and mounting, e.g. cable trunking, displays, signs; for interior application.

Foam Tapes

	Product	Adhesive	Carrier	Thickness (Without Liner - micron)	Release Liner	Adhesive 180° peel (N/25 mm) (FINAT TM 1)		Shear strength (1 kg) (FINAT TM 8)		Loop tack (N/25 mm)
						20 min	24 h	23° C	70° C	
Modified acrylic	**ORABOND® 18126**	AM2	PE foam, white, 1.0 mm	1.1	90g paper, white	> 18	> 18	> 300 h	> 3 h	30
Modified acrylic	**ORABOND® 1813K3**	AM2	PE foam, white, 1.0 mm	1.1	100 micron PP film, yellow	> 18	> 18	> 300 h	> 3 h	28
Modified acrylic	**ORABOND® 1816**	AM2	PE foam, white, 1.5 mm	1.6	90 g paper, blue	> 18	> 18	> 300 h	> 6 h	20
Modified acrylic	**ORABOND® 1818**	AM2	PE foam, white, 3.0 mm	3.1	90 g paper, white	> 18	> 18	> 300 h	> 5 h	28
Modified acrylic	**ORABOND® 1819**	AM2	PE foam, white, 2.0 mm	2.1	90 g paper, blue **Also available with TM liner**	> 19	> 19	> 300 h	> 3 h	28
Modified acrylic	**ORABOND® 1822**	AM2	PE foam, black, 1.0 mm	1.1	90 g paper, white **Also available with PE Film liner**	> 18	> 18	> 300 h	> 6 h	32
Modified acrylic	**ORABOND® 1826**	AM2	PE foam, white, 0.8 mm	0.9	90 g paper, blue	> 20	> 20	> 300 h	> 6 h	20
Modified acrylic	**ORABOND® 1828**	AM2	PE foam, black, 3.0 mm	3.1	90 g paper, white	> 18	> 18	> 300 h	> 3 h	28
Modified acrylic	**ORABOND® 1852**	AM6 / AM2	PE foam, white, 1.0 mm	1.2	90 g paper, white	open s.: 18 covered s.: 5	open s.: > 18 covered s.: 6	open s.: > 400 h covered s.: > 300 h	open s.: > 6 h covered s.: > 72 h	open s.: 25 covered s.: 7

Temperature resistance (° C)	**Application-specific characteristics** (4 = highly recommended, 0 = not recommended)					**Prime applications**
	UV and age resistance	**Short term temperature resistance**	**Water resistance**	**Solvent and plasticiser resistance**	**Adhesion to low-surface energy**	
-40 to +100° C	4	3	4	3	3	For bonding of smooth spray cast and extruded plastic parts (e.g. panels, bars, signs, plexiglass mirrors for interior fit-outs and displays). For even surfaces. Economic version of 1812.
-40 to +80° C	4	3	4	3	3	Sister product to ORAMOUNT® 1812 with yellow PP film liner, for bonding of plastic and metal extrusion profiles and plastic parts, e.g. panels, bars, signs, plexiglass mirrors and displays; high initial adhesion and shear strength. **UL 746C listed.**
-40 to +80° C	4	3	4	3	3	Metal pins, plastic hooks and hangers, cable trunking, furniture profiles, exhibition and point of sale.
-40 to +80° C	4	2	4	3	3	For bonding and installation of a variety of materials such as metals, plastics, glass and ceramics. For durable adhesion of plastic mouldings.
-40 to +100° C	4	2	4	3	3	Furniture profiles, window seals, window bars, displays; for even surfaces.
-40 to +80° C	4	3	4	3	3	Automotive after market trim and badge attachment, window bars, lamination of metal, plastics, glass and ceramics.
-40 to +80° C	4	3	4	3	3	Mounting of mirrors, signs, window bars, and general purpose mounting.
-40 to +90° C	4	2	4	3	3	For mounting and fixing of window profiles and seals where the 3 mm product is required, for fixing of materials such as metal, plastics, glass, ceramics; good adhesion on difficult surfaces.
-40 to +80° C	4	3	4	3	3	For use in applications where the foam is used as a temporary fixing or gasket. The adhesive on the liner side of this product is clean removable from most surfaces.

Standard products

We offer many products in extra long slit rolls or in spool wound format or as fingerlift spools (extended liner format). Please contact your sales correspondent for detailed offers and samples.
The minimum order for standard products is 1 x 50 m log.
Available standard slit roll width: 12, 15, 19, 25, 30, 38, 50, 60, 75, 100 mm.

Adhesives

Name	Type	Properties & Features
A1	pure acrylic	High shear adhesive with excellent resistance to high temperatures, solvents, humidity and outdoor exposure.
A3	pure acrylic	High shear adhesive with excellent resistance to outdoor conditions, high temperatures and plasticisers
A4	pure acrylic	High clarity grade with exellent polycarbonate and acrylic adhesion.
A7	pure acrylic	High shear adhesive with excellent high tack, excellent adhesion on all high-energy surfaces.
AM1	modified acrylic	Medium shear adhesive with excellent adhesion to most foams where plasticisers and other impregnates are used.
AM2	modified acrylic	High shear, high tack adhesive with excellent balance of properties for use in high performance bonding applications. This product features good adhesion to low surface energy plastics.
AM5	modified acrylic	Ultra removable adhesive with excellent no-build adhesion to most surfaces.
AM6	modified acrylic	Version of AM5 with increased adhesion and good removability.
AM7	modified acrylic	High sheer and high tack adhesive with good temperature performance for paper and board splicing. The adhesive is coloured red for visual splicing applications.
AM10	modified acrylic	Higher shear version of AM2 for high temperature and electronics applications.
AM12	modified acrylic	Excellent high tack and outstanding adhesion on high-energy and especially on low-energy surfaces.
AD1	modified dispersion acrylic	General purpose adhesive with medium tack and a good initial and final adhesion
AD4	modified dispersion acrylic	High performance acrylic adhesive, specially designed for bonding applications and white goods.
AD6	modified dispersion acrylic	Low fogging version of AD7
AD7	modified dispersion acrylic	Aggressive tack for most foam bonding applications where good resistance to ageing and solvents is required.
AD10	modified dispersion acrylic	Powerful adhesive with good temperature, aging and plasticiser resistance
AD11	modified dispersion acrylic	Good adhesion to rough and low energy surfaces with very aggressive tack and high aging resistance
AD14	modified dispersion acrylic	High performance, flame retardant adhesive
AD16	modified dispersion acrylic	High performance adhesive with good balance of properties, a universal solution for most bonding applications
RL2	synthetic rubber	High shear solvent rubber with good adhesion to low surface energy plastics.
SR1	synthetic rubber	High tack adhesive with good adhesion to EPDM foams.
SR5	synthetic rubber	General purpose high tack adhesive for splicing and lamination applications.
SR6	synthetic rubber	Economy adhesive for general purpose bonding.
SR7	synthetic rubber	High tack adhesive with good adhesion to cellular polyolefin foams.
SR10	synthetic rubber	General purpose adhesive with good balance of adhesion and tack for foam and felt lamination.
SR14	synthetic rubber	High tack adhesive with good resistance against plasticisers, particularly suitable for EPDM foam profiles.

Liners

Liner	Type	g/m²	Colour
Standard (for acrylics)	siliconised glassine	90	brown
Standard (for hot melts)	siliconised glassine	80	brown
09	siliconised glassine	80/100	white
for AM2 foams	siliconised glassine	90	blue
	siliconised glassine	90	white
W	siliconised PE coated kraft	140	white
WA	siliconised PE coated kraft	100	white
A1 foams	siliconised PE coated kraft	140	blue
K3	siliconised polypropylene film	100	yellow
L5	siliconised polyethylene film	115	dark green
PP film	siliconised polypropylene film	80	transparent salmon
PET film	siliconised polyester film	70	clear

Carriers

Carrier	Type	micron	Colour
fleece	non-woven paper tissue	35	white
PP fleece	polypropylene fleece	35	white
PET	polyester film	12	clear
PET	polyester film	12	black
PP film	polypropylene fleece	18/28/57	clear
GI	scrim	-	white
Hard PVC	hard PVC film	38	white
PVC	soft PVC film	90	white
special scrim PET	diamond		blue
glass scrim	glass scrim		white
textile	rayon cloth		white
PE	PE foam	various	white/black

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DNV·GL
ISO 9001 = ISO 14001
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