

Adhesive Tape Systems

Interior Mounting

Solutions for Automotive Interior Mounting and Design



Adhesive Tape Systems

Engineered to Perform Better™



Solutions for automotive interior mounting and design

ORAFOL's Interior Mounting product range offers best bonding solutions for the challenging automotive interior design. The new interior market requires a good understanding of the mounting applications, emphasizing on weight reduction and enhanced cabin comfort in compliance with the low fogging standards set in the automotive industry.

Advantages of ORAFOL's innovative tapes for interior mounting

- high-quality solutions, long-lived and durable
- secure bonding, also under stress, load and in high temperature variations
- reliable bonding in vertical, horizontal and overhead positions, to curved surfaces and around edges
- safe bonding to multi-material components, even to low-surface energy substrates
- tapes that comply with typical OEM fogging limits
- listed in the International Material Data System (IMDS)

Cockpit

Permanent bonding of multi-material components

Plastics and composites (ABS, PVC, PP, LDPE, TPU, TPS, PC, MMA, etc.), metalised plastics and metals (aluminium, anodized aluminium, stainless steel, etc.).

1 - Displays and touchpads

2 - Gear change lever

3 - Control panel

4 - Storage compartments

5 - Heating elements

6 - Steering wheel

7 - Airbag

8 - Emblem bonding

9 - Ventilation ducts





Doors

Permanent bonding of multi-material components

Plastics & composites (ABS, PVC, PP, LDPE, TPU, TPS, PC, PMMA, etc.), metals (aluminium, anodized aluminium, stainless steel, etc.) and painted metals.

- 1 - Door trim/entry sills
- 2 - Door panel
- 3 - Door handles
- 4 - Speaker gaskets
- 5 - Roller blinds
- 6 - Decorative trims
- 7 - Water shield

Interior Hard Trim

Permanent bonding of stiff & rigid interior parts

Plastics & composites (ABS, PVC, PP, LDPE, TPU, TPS, PC, PMMA, etc.), metals (aluminium, anodized aluminium, stainless steel, etc.), painted metals, glass and wood.

- 1 - Mirrors
- 2 - Rain sensor
- 3 - Overhead storage compartment
- 4 - Pillar cover
- 5 - Sunroof



Interior Soft Trim

Permanent bonding of soft & flexible interior parts

Foams, leather, velours, fleece, felts, fabrics, and many more.

- 1 - Headliner
- 2 - Seating
- 3 - Seat heaters and sensors
- 4 - Arm rests
- 5 - Side panels
- 6 - Carpets and flooring

Product Overview

Product	Thickness without liner [µm]	Adhesive	Carrier	Attributes	Application			
					Cockpit	Door	Hard	Soft
ORABOND® 13981 ORABOND® 13983	30 50	Modified acrylic	Polyester film (12µm)	High shear, high adhesion and good temperature resistance	x			
ORABOND® 1395PP ORABOND® 1391PP ORABOND® 1397PP	130 160 210	Modified solvent acrylate	Transparent PET (12µm)	Excellent shear, tacky, permanent bonding, excellent bonding to plastics	x	x	x	
ORABOND® 1198 ORABOND® 1195 ORABOND® 1197PP	70 130 210	Modified solvent acrylate	Transparent PET (12µm)	Excellent shear, tacky, permanent bonding, excellent bonding to plastics, good for high-temp applications	x	x	x	
ORABOND® 119808 ORABOND® 119508 ORABOND® 119708	70 130 210	Modified solvent acrylate	Black PET (12µm)	Excellent shear, tacky, permanent bonding, excellent bonding to dark plastics, good for high-temp applications	x	x		
ORABOND® 1359 ORABOND® 1350GI	160 230	Modified dispersion acrylate	Tissue Scrim	Excellent plasticizer resistance, good shear, very high tack				x
ORABOND® 1347LF ORABOND® 1358LF ORABOND® 1358GLF	100 160 230	Low emission dispersion acrylate	Tissue Tissue Scrim	Good shear, very high tack, Low-emission adhesive, excellent bonding to loose foams and fibers				x
ORABOND® 13163 ORABOND® 13164 ORABOND® 13165	130 160 190	Modified solvent acrylate	Tissue	Excellent shear, permanent bonding, excellent bonding to plastics	x			
ORABOND® 1176	150	Solvent pure acrylate	aluminized 50µm PET (highly opaque)	Excellent shear, permanent bonding, excellent bonding to metals and medium energy surfaces, very good for backlit applications	x	x		
ORABOND® 1375 ORABOND® 1377	60 120	Solvent pure acrylate	n/a	Excellent shear, permanent bonding, excellent bonding to metals and medium energy surfaces, very good for high-temp applications, optical clear	x	x		
ORABOND® 1324 ORABOND® 1325 ORABOND® 1327 ORABOND® 1328	30 60 90 120	Modified solvent acrylate	n/a	Excellent shear, very high tack, permanent bonding, excellent bonding to plastics	x	x		x
ORABOND® 13161	80	Modified solvent acrylate with glass fibers	n/a	Excellent shear, permanent bonding, excellent bonding to plastics	x	x	x	
ORABOND® 1864 ORABOND® 1808 ORABOND® 1829	500 600 900	Modified solvent acrylate	Black PE-foam (high density)	Excellent shear, permanent bonding, excellent bonding to plastics	x		x	
ORABOND® 1855	900	Modified solvent acrylate	Black PE-foam (high density)	Excellent shear, permanent bonding, excellent bonding to plastics	x		x	
ORABOND® 1822 ORABOND® 1807 ORABOND® 1828	1100 2100 3100	Modified solvent acrylate	Black PE-foam (medium density)	Excellent shear, permanent bonding, excellent bonding to plastics	(x)		x	



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