

Adhesive Tape Systems

# Bonding Solutions for White Goods



Engineered to Perform Better™





# ORAFOL Europe GmbH

## Headquarters and production facility

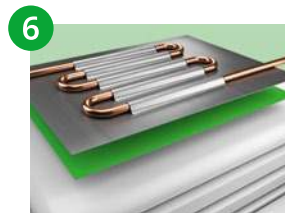
ORAFOL is one of the world's leading manufacturers of adhesive tape systems, innovative self-adhesive graphic films and reflective materials. The international ORAFOL GROUP is headquartered just outside the city gates of Berlin, in Oranienburg.

## ORAFOL's Worldwide Locations





**1 Mounting of displays**  
Simple and fast application of control element by using die cuts enable efficient production processes.



**6 Evaporator mounting**  
Efficient installation of evaporator plates during assembly.



**2 Glass trim fixing**  
UHB acrylic foam tapes provide the necessary durability when mounting decorative glass elements on e.g. handles.



**7 Trim mounting**  
Bonding of decorative elements with ORAFOL UHB acrylic foams provide safety beyond the service life and are easy to apply.



**3 Glass door fixing**  
Assembly of glass elements without mechanical damage to the materials. PE and UHB acrylic foams provide the necessary safety.



**8 Vacuum insulation panel mounting**  
Pre-fixing of vacuum insulation panels avoids a displacement of these during the foaming-process.



**4 Fixing of small parts**  
Easy positioning and sealing of small parts by using ORAFOL products.



**9 Control panel mounting**  
Precise mounting of displays and operating elements with ORAFOL die-cuts.



**5 Noise and vibration reduction**  
Appliances with optimal noise damping properties by using PE- and UHB acrylic foam tapes.



**10 Fixing of emblems**  
Easy and durable mounting of pre-equipped emblems even on difficult (LSE-) surfaces.

# Tape solutions for the White Goods industry

As a reliable and long term established partner of the white goods industry ORAFOL offers a wide range of product solutions requested for e.g. refrigerators and freezers, ovens, washing machines, microwaves and dishwashers for private and commercial purpose.

Our innovative portfolio meets the latest industry standards and all requirements to make devices more energy efficient, lighter or less noisy. We offer the opportunity to rethink production processes with innovative and customized product developments in order to increase efficiency.

## Related ORAFOL products



ORACAL®

### Graphic Innovations

**ORACAL® 620 / 640**  
**ORAJET® 3620 / 3640**

for e.g. energy level marking labels  
and full wraps of branded shop freezers

ROWTEC®

### Advanced Polymer Films

**Rowtec® PC films standard**  
for safety labels, instrument panel overlays

**Rowtec® PC-FR films flame retardant**  
for safety labels, instrument panel overlays

## Product Guide

ORABOND®	Adhesive Thickness (mm)	Adhesive	Carrier*	Properties - Adhesive	Typical Applications
1486	160	Hot Melt	Tissue	<ul style="list-style-type: none"> <li>· High adhesive strength</li> <li>· Good adhesion on smooth surfaces</li> <li>· Good water resistance</li> <li>· High plasticiser resistance</li> </ul>	<ul style="list-style-type: none"> <li>· Evaporators</li> <li>· Emblems</li> <li>· Displays</li> <li>· Noise Reduction</li> </ul>
14236	230		PET		
1840	900		PE Foam		
1354N	180	Mod. Acrylic Dispersion	Tissue	<ul style="list-style-type: none"> <li>· Plasticiser tolerant</li> <li>· Resistant to temperature and aging</li> </ul>	<ul style="list-style-type: none"> <li>· Evaporators</li> <li>· Displays</li> <li>· Decorative Trims</li> </ul>
1345	50		Transfer		
1824	900	Pure Acrylic	PE Foam	<ul style="list-style-type: none"> <li>· Superior shear strength</li> <li>· For aluminium, steel and GRP surfaces</li> <li>· High resistance to UV irradiation, temperature, solvents, moisture</li> </ul>	<ul style="list-style-type: none"> <li>· Glass Door Fixation</li> <li>· Decorative Trims</li> <li>· Oven Panel</li> </ul>
1374	50		Transfer		
1395	130	Modified Solvent Acrylic	PET	<ul style="list-style-type: none"> <li>· Very high shear- and adhesion strength</li> <li>· High temperature resistance</li> <li>· For curved surfaces</li> <li>· High UV Irradiation and chemical resistance</li> </ul>	<ul style="list-style-type: none"> <li>· Evaporators</li> <li>· Emblems</li> <li>· Oven Panel</li> <li>· Displays</li> <li>· Small Parts</li> <li>· Decorative Trims</li> </ul>
1396	130		Tissue		
1397	210		PET		
3331TG	230		PVC		
1807	2100		PE Foam		
UHB03050T	500	Acrylic Foam	Highly Transparent acrylic	<ul style="list-style-type: none"> <li>· Extremely high shear and adhesion strength on various surfaces</li> <li>· Visco-elastic properties</li> </ul>	<ul style="list-style-type: none"> <li>· Oven Panel</li> <li>· Decorative Trims</li> <li>· Displays</li> <li>· Glass Door Fixation</li> </ul>
UHB03100T	1000				
UHB21080G	800		Grey acrylic (LSE)		
UHB04150G	1500		Grey acrylic		
UHB04110G	1100				
UHB12080BD	800		Dark Black acrylic		

\* All shown products are shipped with a siliconised paper liner, product variations with alternative liners (PP, PE, etc.) are available

# Strong Bonds for your White Goods

The ORABOND® product portfolio is suitable for a wide range of applications for all types of household appliances. ORAFOL offers customized bonding solutions for a maximized freedom in part design. Take advantage of our testing capabilities and feel free to utilize our expertise for application-specific tests. Together we will develop the right product for your application in the shortest time possible. Have a closer look to the applications below and don't hesitate to get in touch with our team for any assistance.





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## Bonding Solutions for White Goods

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