



Smart Bonding Solutions for Cooking, Cooling, Dishcare and Laundry Appliances

Adhesive tape portfolio for
the Home Appliances industry

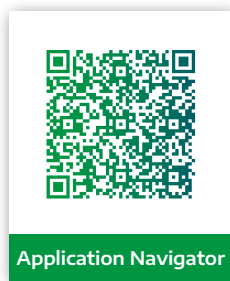
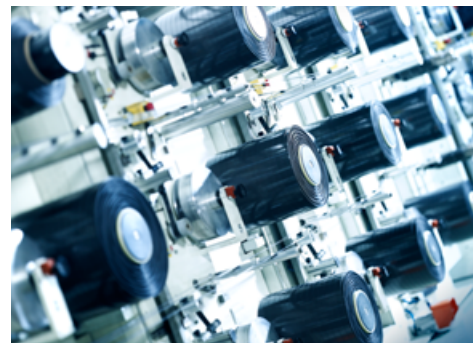
Our Focus is on Your Needs: Adhesive Solutions for Every Home Appliances Challenge

Whether single- or double-sided, in rolls or as high-precision die-cut parts: When it comes to the Home Appliances Industry, Lohmann's adhesive technologies fulfill a wide variety of tasks like heat exchange, thermal insulation, resistance to water vapor and other moisture, and sealing against liquids.



PE-Foam tape ranges for various applications

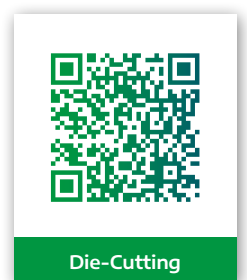
Lohmann offers multiple product ranges of double-sided PE-foam tapes for permanent bonding on different surfaces for Home Appliances applications. The tape ranges are excellently suited for compensating different tolerances of components. They are available as rolls, spools, sheets or die-cuts, depending on the individual requirements. Our Application Navigator for Home Appliances enables you to quickly and accurately identify the optimal adhesive solutions for your device type.



InHouse converting and die-cutting

We convert coated materials inhouse with state-of-the-art converting lines into rolls, spools and sheets in many dimensions or laminate our portfolio to a variety of materials, creating individual product designs.

By using high precision die-cutting machines to produce accurate die-cuts with low μm tolerances, we meet market demands for fine geometries, small dimensions, and various delivery forms, including cleanroom production.



Secure Bonds: The Proven Success in Cooling and Refrigeration

Our high-quality adhesive tape solutions are designed to meet the diverse needs of various components within refrigerators, from insulation and sealing to assembly and bonding of new materials. With innovative formulations and precise application methods, our tapes provide superior adhesion, durability, and thermal resistance, ensuring optimal performance in every cooling unit.



Evaporator, VIP mounting & venting tapes

Product	Thickness	Carrier	Color	Adhesive	Peel strength	Certification
DuploCOLL 268	0.16 mm	tissue	white	synthetic rubber	45 N/25 mm	UL 969
DuploCOLL 100 U	0.10 mm	without	translucent	dispersion acrylic	25 N/25 mm	
DuploCOLL 150 VTR (Venting)	0.08 mm	white	non-woven	synthetic rubber	—	300 l/m ² s Air-Permeability

Mounting decorative parts & single sided esthetic tapes

Product	Thickness	Carrier	Color	Adhesive	Peel strength	Certification
DuploCOLL 3723	0.13 mm	paper	white	modified acrylic	30 N/25 mm	UL 969 UL746c
DuploCOLL 9183	1.00 mm	PE foam	anthracite	pure acrylic	23 N/25 mm	FINAT FTM17 (Chemical resistance)
DuploCOLL 34200 Edge Cover	0.22 mm	PP film	white	modified acrylic	37 N/25 mm	



Gaskets & NVH materials – single or double sided with adhesive

Product	Thickness	Color	Type	Adhesive
DuploCOLL 1001 – 05	1 – 5 mm	black	PE foam	Laminated single or double sided with adhesive
DuploCOLL 1060 – 66	0.4 – 3 mm	black	PUR foam	
DuploCOLL 1012 – 14	2 – 4 mm	black	cell rubber foam	



Peel strength tested on stainless steel, Test angle: 180°, Test speed: 300 mm/min, Dwell time: 24 h at 23°C

Reliable Adhesion: Excellence in Dishcare and Laundry Appliances

For dishcare appliances, our adhesive solutions ensure optimal performance and durability. Our tapes are designed to securely bond components such as control panels and door seals, providing excellent moisture resistance and longevity. With Lohmann adhesive tapes, you can achieve seamless designs that improve functionality and aesthetic appeal, all while benefiting from the quick and precise application processes offered by adhesive die-cut parts.

Mounting & sealing tapes for control panels

Product	Thickness	Carrier	Color	Adhesive	Peel strength	Certification
DuploCOLL 5016	0.45 mm	PE foam	black	modified acrylic	60 N/25 mm	UL746c FINAT FTM17 (Chemical resistance)
DuploCOLL 50220	0.50 mm	PE foam	black	pure acrylic	30 N/25 mm	
DuploCOLL VP 7178	0.60 mm	PE foam	anthracite	modified acrylic	30 N/25 mm	

Optical clear lamination tapes for printed electronics

Product	Thickness	Carrier	Color	Adhesive	Peel strength
DuploCOLL 26050 OC	0.05 mm	without	optical clear	pure acrylic	20 N/25 mm
DuploCOLL 26150 OC	0.15 mm	without	optical clear	pure acrylic	25 N/25 mm

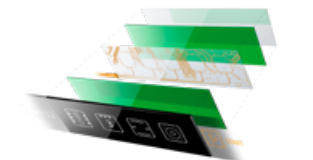
Tapes for low surface energy plastic

Product	Thickness	Carrier	Color	Adhesive	Peel strength	Certification
DuploCOLL 96608 AP	0.80 mm	PE foam	black	modified acrylic	110 N/25 mm	UL746c FINAT FTM17 (Chemical resistance)
DuploCOLL 97711 AP	1.10 mm	PE foam	black	modified acrylic	70 N/25 mm	
DuploCOLL 977115 AP	1.50 mm	PE foam	black	modified acrylic	48 N/25 mm	

Application example: Control panel



Control panels are more than just switches and buttons these days. They make a decisive contribution to the design and ease of use of the device. Almost all shapes and material combinations can be realized. The strengths of our polyethylene foam adhesive tapes come into play in regards to bridge tolerances up to 300 % of the tape thickness itself.



Applications

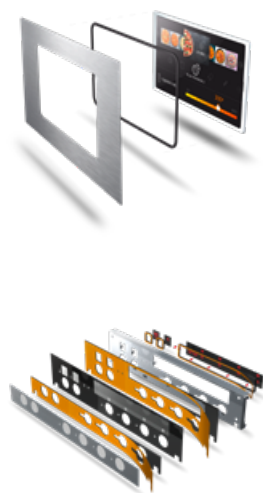
Invisible Bonds: The Hidden Power Behind Cooking Appliances

Providing high-precision adhesive solutions tailored for the cooking appliance industry with the commitment to quality, innovation, and sustainability drives us to deliver reliable bonding solutions for ovens, cooktops, and exhaust hoods.



Mounting and sealing tapes for control panels, displays & electrical components

Product	Thickness	Carrier	Color	Adhesive	Peel strength	Certification
DuploCOLL 38220 BLK	0.20 mm	PE foam	black	modified acrylic	36 N/25 mm	UL746c FINAT FTM17 (Chemical resistance)
DuploCOLL 50220	0.50 mm	PE foam	black	pure acrylic	30 N/25 mm	
DuploCOLL 9042	0.60 mm	PE foam	anthracite	pure acrylic	25 N/25 mm	
DuploCOLL 6311	0.90 mm	PE foam	anthracite	pure acrylic	26 N/25 mm	
DuploCOLL 9183	1.00 mm	PE foam	anthracite	pure acrylic	23 N/25 mm	
DuploCOLL 56002	1.30 mm	PE foam	black	pure acrylic	35 N/25 mm	
DuploCOLL 50230	2.30 mm	PE foam	black	pure acrylic	27 N/25 mm	
DuploCOLL 5091	4.80 mm	PE foam	black	pure acrylic	33 N/25 mm	



Tapes for low surface energy lacquers & paints

Product	Thickness	Carrier	Color	Adhesive	Peel strength
DuploCOLL 91108 NP	0.80 mm	PE foam	black	modified acrylic	55 N/25 mm
DuploCOLL 91111 NP	1.10 mm	PE foam	black	modified acrylic	72 N/25 mm
DuploCOLL 91115 NP	1.50 mm	PE foam	black	modified acrylic	55 N/25 mm

Attach decorative parts

Product	Thickness	Carrier	Color	Adhesive	Peel strength	Certification
DuploCOLL 3723	0.13 mm	paper	white	modified acrylic	30 N/25 mm	UL 969
DuploCOLL 2742 LSE	0.15 mm	paper	white	dispersion acrylic	35 N/25 mm	UL 969



Cooktops and integrated exhaust hoods: Single sided adhesive Silicone Foam Gaskets

Product	Thickness	Carrier	Color	Adhesive	Certification
DuploCOLL 54635 DS	6.35 mm	silicon foam	black	pure acrylic	Flame retardant according to UL 94 V-0





The perfect bonding solution?
The one tailored to your application.
We support you **from the idea** to its
integration **into your process**.

Interested in finding out more on bonding
solutions for the home appliance industry?

Visit our website or get in contact with us:

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