

# ORAGUARD® HELIOBOND

## Edge Sealing Tape

### Short description

ORAGUARD® Heliobond is a cast, high-performance adhesive tape for the permanent sealing and protection of window film edges and similar applications. ORAGUARD® Heliobond is easy to apply and offers excellent stability. Available in matt and gloss black, as well as gloss transparent, to match the appearance of the surface. Ideal for clean, long-lasting seals in both indoor and outdoor applications.

### Front material

Cast PVC film, cast film, 0.06 mm

### Liner

PET film, single-side silicone coated

### Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.028 mm

### Technical properties

#### RESISTANCE

Durability	for vertical external exposure, standard Central European climate	
	10 Year(s)	black
	8 Year(s)	transparent
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Oils, Greases, Fuels, Weak acids, Salts and alkalis, Isopropyl alcohol, Washing suds (0.5 % household cleaner), Water	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.15 mm Maximum shrinkage across 0.15 mm	bonded to aluminium   FINAT TM 14, average value
Elongation at break	Minimum elongation at break along 100 % Minimum elongation at break across 100 %	DIN EN ISO 527

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Tensile strength	Minimum tensile strength along 19 N/mm <sup>2</sup> Minimum tensile strength across 19 N/mm <sup>2</sup>	DIN EN ISO 527
Seawater resistance	no change	after 100h/35°C   bonded to aluminium, DIN EN ISO 9227
Temperature resistance	Minimum temperature -40 °C Maximum temperature 60 °C	short-term exposure up to 80 °C

### ADHESIVE PROPERTIES

Adhesive power	16 N/25 mm	after 24 hours, stainless steel   FINAT TM 1, average value
	14 N/25 mm	after 24 hours, glass   FINAT TM 1, average value

### PROCESSING

Application temperature	Minimum temperature 10 °C
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### PRODUCT NOTE

The surface to be covered must be free of dust, grease or other contaminants that could impair the adhesive strength of the material. New paintwork must have been left to dry for at least 3 weeks or be fully cured. Application tests must be carried out with the intended paints to determine compatibility.

### IMPORTANT NOTES

All ORAGUARD® products are subject to careful quality control throughout the entire manufacturing process. We guarantee that the products are delivered in standard commercial quality and free from manufacturing defects. The traceability of our goods in accordance with ISO 9001 is ensured by the roll number. The information published regarding ORAGUARD® products is based on research results which the company considers reliable, but does not constitute a guarantee. Due to the wide range of possible applications for ORAGUARD® products and the ongoing development of new applications, it is the buyer's responsibility to thoroughly verify the suitability and performance of the product for the intended use. Furthermore, the processing instructions issued by ORAFOL must be observed. The purchaser bears all risks arising from the use of these products. All information is subject to change.