

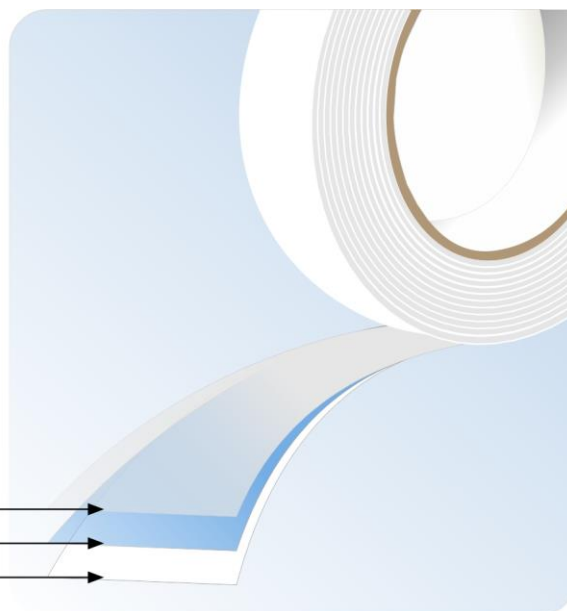
Product information

VITO Surface Protection Tape 1146, 1265 and 1366

high-quality, clear polyurethane films with superior resistance to ultra-violet radiation. The films are coated on one side with a pure acrylic-based adhesive.

Product composition

Carrier, aliphatic thermoplastic PU-film
Adhesive, pure acrylate
Liner, siliconised PE-filmed paper, white



On demand the PU-film can be covered with a PE-protective film.

Application

- **Surface protection** on metal constructions, anodized aluminium surfaces of windows, boats, scuttles, painted or powder-coated surfaces
- **Erosion protection** for rotor blades in wind power stations and for the aircraft industry
- **Protection against stone chips** for fenders, bumpers and engine bonnets
- **Protection against scratches** on door sills, door locks, door knobs, petrol filler necks, fenders and loading edges of cars
- **Transport protection** of delicate surfaces

Product benefits

- Extraordinary resistance to abrasion
- Good damping properties
- High tensile strength
- Very good resistance against mechanical impacts
- The film surface can be printed or painted with high-quality varnishes.

Variation

For die-cuts we recommend **VITO SURFACE PROTECTION TAPE F** with a silikonised PET film, 75 µm, as liner.

Technical data and product properties

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		1146	1265	1366
Film thickness (ISO 4593:1993)		150 μm ± 10 %	200 μm ± 10 %	300 μm ± 10 %
Total thickness		Film thickness + 60 μm		
Peel strength at 20 °C (in accordance to DIN EN 1939)		≥ 16 N/25 mm with elongation		
Temperature resistance		-40 °C bis 120 °C		
Shore hardness A (DIN 53505)		92 ± 2		
Tensile strength (ISO 527-3/2/200)	md cd	> 45 MPa > 45 MPa		
Ultimate elongation (ISO 527-3/2/200)	md cd	> 350 % > 350 %		
Abrasion resistance (DIN 53516)		50 mm³		
Yellowness-Index after 2000 h UVA 340 (ASTM G-53, ASTM D1925)		0,49		

Processing

Informationen to apply and remove the protection tape are listed in our instruction sheet.

Average service life

5-7 years, based on proper processing

Storage and shelf life

18 month after receipt of goods, when stored at 18 °C and 60 % relative humidity protected from sunlight, in original packaging

Special Information

The data and technical information presented are characteristic or average data. All advices are given to the best of our knowledge. You are kindly requested to conduct your own tests to determine the suitability of our product for your application. Our General Conditions answer any questions on guarantees and liabilities for these products unless other legal regulations apply.

If you need further information about product safety, conformance, REACH or RoHS please send your e-mail to info@vito-irmen.de

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