

Preliminary Product Information ZOUCHprotekt 1265/ZOUCHprotekt 1366

Description ZOUCHprotekt 1265 is a high-quality transparent polyurethane film with superior resistance to UV radiation coated one side with pure acrylate-based adhesive. The ZOUCH protekt films are extraordinarily resistant to abrasion as well as having excellent dampening properties. They possess excellent tensile strength and mechanical disruptive strength; the films can be printed on or painted over with high quality varnishes.

Application ZOUCHprotekt 1265 is used in surface protection for metal constructions as, for example, anodized aluminium surfaces on windows and for boat constructions. It is also popular as a form of erosion protection for rotor blades on wind turbines and in the aircraft industry. The films are used in the automotive industry as a barrier against bumpers or bonnets getting damaged or scratched. Similarly they are used as temporary protection during transport.

Properties		
Carrier:	aliphatic polyurethane film	
Adhesive:	pure acrylate	
Colour:	transparent	
	1265	1366
Thickness of carrier:	200µm	300µm
Total thickness:	0.260 mm	0.360 mm
Peeling strength of adhesive tape at a temp. of 20°C in accordance with DIN EN 1939 (AFERA 4001)	16 N/25 mm	
Shear strength of adhesive tape at a temp. of 20°C in accordance with DIN EN 1943 (AFERA 4012)	70 N/6.25 cm ²	
Temperature resistance:	-40°C bis +135°C	
For a short time:	+150°C	
Ultimate tensile strength (ASTM D 882)	62.05 MPa	
Elongation at rupture (ASTM D 882)	550%	
Abrasion resistance (DIN 53 516)	50mm ³	
Yellowness Index (ASTM E 313)	4.32 ΔYI	
Shore hardness A	92	
Guarantee of function	5 yrs with correct processing	

Processing: The most important processing parameters and information on cleaning are listed in our Information on Processing Adhesive Tapes.

Storage: Unprocessed in the original packaging, 12 months after receipt by customer, at a relative atmospheric humidity of around 60% and a temperature of around 18°C.

Special Information

All data and technical information presented are based on laboratory tests or have been compiled from supplier information to the best of our knowledge. A guarantee that the values are complete and correct can however not be given. You are kindly requested to conduct your own tests to determine the suitability of our product for your applications. Our General Conditions answer any questions on guarantees and liabilities for these products insofar as no other legal regulations apply. 01/2007