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TECHICAL DATA SHEET

PRODUCT **465**

Product Description

465 is an assembling system consisting of a thin PET film carrier coated on both sides with a solvent-based acrylic adhesive. It offers a very high initial tack, superior adhesion, and outstanding holding power. The tape has good die-cutting properties and excellent resistance against environmental influences, e.g., light, heat, and humidity.

Applications

465 offers excellent immediate adhesion and reliable bonding to smooth, rough or low-energy surfaces, e.g., PP, PE, etc. Widely used in digital electronic industries, e.g., mounting of screen/battery compartment/rubber parts or assembly of the framework in mobile phone and digital camera industries.

Technical Information

Technical Description	Technical Values
Adhesive	Modified Solvent Acrylic
Carrier	Transparent PET Film 12 µm
Total Thickness without liner	0,205 mm (+/- 0,010)
Liner	Red MOPP
Initial Tack FINAT 9	≥ 18 N / 25 mm
Peel Adhesion FINAT 1	≥ 20 N / 25 mm
Holding Power FINAT 8	≥ 168 Hours
Temperature Rang long term	- 20°C - + 80°C
short term	- 40°C - + 180°C



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Features

Initial tack	Excellent
Peel adhesion	Excellent
Holding power (Shear)	Excellent
Adhesion on	
• even surfaces	Excellent
• rough surfaces	Excellent
Surface conformity	Excellent
Aging resistance	Excellent
Metal	Excellent
High energy plastics PVC, ABS ...	Excellent
Low energy plastics PE, PP ...	good
Foam	good
Rubber	good
Fabric	good
Paper / Cardboards	Excellent
Glass / Ceramics	Good

The prohibited substances according to the RoHS directive (2002/95/EC) and 2006/122/EG (PFOS) are not included in this product.

APPLICATION

Temperature: between +15°C and +30°C. Surface must be clean and free from dust and grease. Pressure sensitive adhesive must be applied with a maximum of pressure in order to achieve maximum pressure level. The indicated level of performance will be reached after a bonding period of 24 hours at 23°C.

STORAGE & SHELF LIFE

Clean and dry in a well-ventilated area, preferably at a temperature between 10°C and 30°C. Stored under these conditions shelf life will be a minimum of one year.

NOTE

All data above mentioned and technical information given above are typical values, gained from tests we believe to be reliable. Please ensure before using our product that it is suitable for the material for your intended application. For technical assistance please call our product specialists. The data and statements are intended as a source of information, are given without guarantee and do not constitute a warranty. They can vary according to the application conditions. All materials described herein are subject to our conditions of sale.