


Product Information

DE-F532



Material description:	Polyimide film, white glossy, permanent adhesive, glassine paper; thermal transfer printable with up to 600 dpi; material recommended for automatic application (radius of dispensing edge ≤ 1.0 mm and nearly 90 ° peel-off angle); UL registration MH48716 *)		
Applications:	Excellent for barcode, data matrix, and alphanumeric identification on PCBs		
Label stock thickness:	50 μm +/- 10 %		
Adhesive:	AS2: high-temperature acrylic adhesive, solvent		
Adhesive thickness:	36 μm +/- 10 %		
Adhesion:	permanent adhesive		
Adhesion power:	Aluminium	15 minutes 24 hours	15 N/25 mm FTM1 21 N/25 mm FTM1
	Stainless steel	15 minutes 24 hours	11 N/25 mm FTM1 15 N/25 mm FTM1
Liner:	glassine paper		
Liner thickness:	69 μm +/- 10%		
Temperature range:	-40 °C to + 300 °C long-term temperature: + 180 °C short-term temperature: 5 min + 260 °C max. peak temperature: + 370 °C		
Application temperature:	+ 10 °C to + 40 °C		
Print method:	thermal transfer		
Ribbon recommendation:	DE-R89, DE-R41, DE-R25*), DE-R22*), DE-R34*) (unprinted material surface)		
Shelf life:	2 years at max. 20-25 °C and 40-50 % relative humidity without direct insolation (in case of non-compliance of conditions the consequence could be adhesive adherence which might entail problems in processing the labels)		

*) UL recognised component 

Warranty:

Our recommendations are based on our most up-to-date knowledge and experience. As the products are used outside of our control we cannot take responsibility for any damage which may be caused when using the products. This product information sheet replaces all earlier ones. All information subject to change without notice.

Dynamic Systems GmbH • Inninger Straße 11 • 82237 Wörthsee • Telefon: 08153/9096-0 • Telefax: 08153/9096-96
e-Mail: info@dynamic-systems.de • Internet: www.dynamic-systems.de • HRB Nr. 116251 Reg. Gericht München • V1.6

create date 2022-03-02