

Product Information

DE-F512



Material description:	Polyimide film, white topcoat, thermal transfer printable; material recommended for automatic application (radius of dispensing edge ≤ 1.0 mm and nearly 90 ° peel-off angle); antistatic according to ANSI/ESD S20.20 and IEC 61340; UL registration MH48716 ^{*)}		
Applications:	Excellent for barcode and alphanumeric identification on PCBs, electronic components, particularly recommended for lead-free soldering process and identification on ESD sensitive devices		
Label stock thickness:	61 $\mu\text{m} \pm 15\%$		
Adhesive:	AS1: high-temperature acrylic adhesive, solvent, thermosetting		
Adhesive thickness:	50 $\mu\text{m} \pm 15\%$		
Adhesion:	simple permanent adhesive		
Adhesion power:	stainless steel:	20 min. 24 h	9 N/25 mm FTM1 11 N/25 mm FTM1
Liner:	glassine		
Liner thickness:	71 $\mu\text{m} \pm 15\%$		
Temperature range:	- 40 °C to + 300 °C		
	long-term temperature:	100 h	+ 125 °C
	short-term temperature:	5 min	+ 260 °C
	max. peak temperature:	90 sec	+ 300 °C
Application temperature:	> +10 °C		
Print method:	thermal transfer		
Ribbon recommendation:	DE-R89, DE-RX3, DE-R20 ^{*)} , DE-R25 ^{*)} , DE-R22 ^{*)} , DE-R41 ^{*)} (unprinted material surface)		
Shelf life:	1 year at maximum 22 °C and 50 % relative humidity		

^{*)} 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.