


## Product Information

DE-F532



<b>Material description:</b>	Polyimide film, white semi-glossy, permanent adhesive, glassine paper; thermal transfer printable with up to 600 dpi; material recommended for automatic application (radius of dispensing edge $\leq 1.0$ mm and nearly $90^\circ$ peel-off angle); UL registration MH48716 *)		
<b>Applications:</b>	Excellent for barcode, data matrix, and alphanumeric identification on PCBs		
<b>Label stock thickness:</b>	50 $\mu\text{m}$ +/- 10 %		
<b>Adhesive:</b>	AS2: high-temperature acrylic adhesive, solvent		
<b>Adhesive thickness:</b>	36 $\mu\text{m}$ +/- 10 %		
<b>Adhesion:</b>	permanent adhesive		
<b>Adhesion power:</b>	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
<b>Liner:</b>	glassine paper		
<b>Liner thickness:</b>	69 $\mu\text{m}$ +/- 10%		
<b>Temperature range:</b>	-40 $^\circ\text{C}$ to + 300 $^\circ\text{C}$ long-term temperature: + 180 $^\circ\text{C}$ short-term temperature: 5 min + 260 $^\circ\text{C}$ max. peak temperature: + 370 $^\circ\text{C}$		
<b>Application temperature:</b>	+ 10 $^\circ\text{C}$ to + 40 $^\circ\text{C}$		
<b>Print method:</b>	thermal transfer		
<b>Ribbon recommendation:</b>	DE-R89, DE-R41, DE-R25*), DE-R22*), DE-R34*) (unprinted material surface)		
<b>Shelf life:</b>	2 years at max. 20-25 $^\circ\text{C}$ 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.

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create date 2024-11-19