



# MACthene 1099 n.t.c. MR 978 GP - Century 8 White

## FACE MATERIAL

**MACthene 1099 n.t.c. is a clear gloss polyethylene film with good conversion and application properties.** Very good dispensing ability. This film must be corona treated before printing.

### Application

This product is mainly used for production of removable labels for various packaging. **\*Remark : We recommend to be very carefull when applying corona treatment on the surface. Indeed there could be a reaction with the adhesive close to the edges of the ungummed area, which could lead to release problems.**

### Technical characteristics

<b>Thickness</b>	100 ± 7 µm	ISO 534
<b>Weight</b>	94 ± 7 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 25 N/15mm	DIN 53455
<b>Resistance CD</b>	≥ 16 N/15mm	DIN 53455
<b>Glossy</b>	≥ 23%	DIN 67530
<b>Transparency</b>	≥ 94%	DIN 53146

## ADHESIVE

**A removable high performance acrylic adhesive with medium tack, low adhesion and high cohesion. This adhesive is also available with gum pattern.**

This adhesive has excellent wetting properties and may therefore be applied below 0°C. The MR 978 adhesive performances can be affected by the application on several kind of substrates. Beside damaging the substrate, subsequent removal could be difficult. This construction is not aimed for reclosable end-uses. Therefore, in each case, trials are recommended.

**Certification :** Direct contact dry and moist non fatty foodstuffs (29908U 10)

### Properties

<b>High Speed Release</b>	0,31 ± 0,11	N/25mm at 100 m/min.	FTM 4
<b>Low Speed Release</b>	0,09 ± 0,06	N/25mm at 300 mm/min	FTM 3
<b>Quick Tack</b>	≥ 5	N/25 mm on glass	FTM 9
<b>Final Peel (20 min)</b>	≥ 3,8	N/25 mm on glass	FTM 1
<b>Cohesion</b>	≥ 200	Hours on glass	FTM 8
<b>Appl. temperature</b>	≥ -20°C		
<b>Service temperature</b>	from -40 to +80°C		

## BACKING

Super calendered glassine backing paper combining high flexibility and consistent calliper for speed and ease of conversion with good translucency for optical scanning. Excellent resistance to die-cutting.

### Technical characteristics

<b>Thickness</b>	68 ± 4 µm	ISO 534
<b>Weight</b>	80 ± 4 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 90 N/15 mm	DIN 53455
<b>Resistance CD</b>	≥ 50 N/15 mm	DIN 53455
<b>Transparency</b>	≥ 42 %	DIN 53147

**Shelf life :** 3 years when stored at 15-25°C, (50 ± 5) % relative humidity, in the original packaging.



MACtac Europe  
Bd Kennedy, Zoning Industriel, Zone B  
B-7060 Soignies Belgium  
Phone : +32 (0) 67 346 211  
Fax : +32 (0) 67 346 339  
[www.mactac-europe.com](http://www.mactac-europe.com)  
e-mail : [mactac.europe@mactac.com](mailto:mactac.europe@mactac.com)



*All MACtac products are subject to careful quality control throughout the manufacturing process and are warranted to be of quality and free from manufacturing defects.*

*Published information concerning MACtac products is based upon research which the Company believes to be reliable although such information does not constitute a warranty.*

*Because of the variety of uses of MACtac products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice.*

*Contains more than 0.1% (w/w) of Bis(2-ethyl(hexyl)phthalate) (DEHP) CAS number 117-81-7. You can find more information on this substance on <http://www.dehp-facts.com/>*