



## Technical data sheet

# MACthene 1029 T.C. MR 980 with or without GP Century 6 HD White

## FACE MATERIAL

**MACthene 1029 T.C. is a gloss white polyethylene film with a print receptive acrylic top coating.** Good conversion and application properties. Excellent dispensing ability.

### Application

This product is mainly used for production of removable labels for various packaging.

### Technical characteristics

<b>Thickness</b>	100 ± 8 µm	ISO 534
<b>Weight</b>	99 ± 7 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 22 N/15mm	DIN 53455
<b>Resistance CD</b>	≥ 16 N/15mm	DIN 53455
<b>Glossy</b>	≥ 38%	DIN 67530
<b>Opacity</b>	≥ 79%	DIN 53146

## ADHESIVE

**A removable high performance acrylic adhesive with medium tack, low adhesion and high cohesion.**

This adhesive has excellent wetting properties and may therefore be applied below 0 C. The MR 980 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 (29908 U 10)

### Properties

<b>High Speed Release</b>	0,29 ± 0,06	N/25mm at 100 m/min.	FTM 4
<b>Low Speed Release</b>	0,08 ± 0,04	N/25mm at 300 mm/min	FTM 3
<b>Quick Tack</b>	≥ 3,0	N/25 mm on glass	FTM 9
<b>Final Peel (20 min)</b>	≥ 2,5	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

High density, super calendered glassine backing paper specially designed for high speed conversion processes.

The constant and consistency even compressibility of the calliper allows accurate kiss die-cutting on roll-label presses. Good translucent properties especially suited to automatic label applicators by optical scanning.

### Technical characteristics

<b>Thickness</b>	55 ± 4 µm	ISO 534
<b>Weight</b>	65 ± 4 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	Typ. Value 90 N/15 mm	DIN 53455
<b>Resistance CD</b>	Typ. Value 55 N/15 mm	DIN 53455
<b>Transparency</b>	≥ 48 %	DIN 53147

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



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*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/>*