



## Technical data sheet

# MACthene 1029 n.t.c. MP 450 Century 6 HD White

### FACE MATERIAL

**MACthene 1029 n.t.c. is a white 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 in toiletries and food industries, labels for squeezable bottles and cans (e.g. : H.D.P.E.) such as for shampoo, toiletries and food packaging.

#### Technical characteristics

<b>Thickness</b>	93 ± 5 µm	ISO 534
<b>Weight</b>	94 ± 6 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 22N/15mm	DIN 53455
<b>Resistance CD</b>	≥ 11 N/15mm	DIN 53455
<b>Glossy</b>	≥ 45%	DIN 67530
<b>Transparency</b>	≥ 79%	DIN 53146

### ADHESIVE

**A rubber based permanent adhesive with good tack and adhesion to a wide variety of surfaces** ( is not recommended for substrates containing migrating plasticizers ).

#### Properties

<b>High Speed Release</b>	0,45 ± 0,10	N/25mm at 100 m/min.	FTM 4
<b>Low Speed Release</b>	0,11± 0,05	N/25mm at 300 mm/min	FTM 3
<b>Quick Tack</b>	≥ 12	N/25 mm on glass	FTM 9
<b>Final Peel (20 min)</b>	≥ 11	N/25 mm on glass	FTM 1
<b>Cohesion</b>	≥ 200	Hours on glass	FTM 8
<b>Appl. temperature</b>	≥ +10°C		
<b>Service temperature</b>	from -20 to +70°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.



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.*