



## Technical data sheet

# MACthene 1029 n.t.c. MP 201 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. Also used in line for oil can labeling

### Technical characteristics

|                            |                          |           |
|----------------------------|--------------------------|-----------|
| <b>Thickness</b>           | 93 ± 5 µm                | ISO 535   |
| <b>Weight</b>              | 94 ± 6 gr/m <sup>2</sup> | ISO 537   |
| <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 special rubber hot melt permanent adhesive with good tack and adhesion to a wide variety of surfaces** (is not recommended for substrates containing migrating plasticizers). This adhesive performs very well on can during its production process.

**Certification :** Direct contact dry and moist non-fatty foodstuffs (31204 U 11)

### Properties

|                            |                   |  |       |
|----------------------------|-------------------|--|-------|
| <b>High Speed Release</b>  | ≈ 0,10 ± 0,08     | N/25mm at 100 m/min.   | FTM 4 |
| <b>Low Speed Release</b>   | ≈ 0.03            | N/25mm at 300 mm/min   | FTM 3 |
| <b>Quick Tack</b>          | ≥ 20              | N/25 mm on glass   | FTM 9 |
| <b>Final Peel (20 min)</b> | ≥ 13              | N/25 mm on glass   | FTM 1 |
| <b>Cohesion</b>            | ≥ 50              | Hours on glass   | FTM 8 |
| <b>Appl. temperature</b>   | ≥ + 5°C           | <i>NB : adhesion data based on limited number of production runs</i> |       |
| <b>Service temperature</b> | From -30 to +50°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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