



Technical data sheet

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 careful 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

Thickness	100 ± 7 µm	ISO 534
Weight	94 ± 7 gr/m ²	ISO 536
Tensile strength MD	≥ 25 N/15mm	DIN 53455
Resistance CD	≥ 16 N/15mm	DIN 53455
Glossy	≥ 23%	DIN 67530
Transparency	≥ 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 (26321 U 08)

Properties

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

Thickness	68 ± 4 µm	ISO 534
Weight	80 ± 4 gr/m ²	ISO 536
Tensile strength MD	≥ 90 N/15 mm	DIN 53455
Resistance CD	≥ 50 N/15 mm	DIN 53455
Transparency	≥ 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
e-mail : mactac.europe@mactac.com



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