



MACthene 1099 T.C. MP 128N Century 6 HD White

FACE MATERIAL

MACthene 1099 T.C. is a clear gloss 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 labels for food and toiletries industries. Labels for squeezable bottles and cans (e.g. : H.D.P.E.) such as for shampoo, toiletries and food packaging.

Technical characteristics

Thickness	100 + 8 µm	ISO 534
Weight	96 + 7 gr/m ²	ISO 536
Tensile strength MD	≥ 20 N/15mm	DIN 53455
Resistance CD	≥ 15 N/15mm	DIN 53455
Glossy	≥ 38%	DIN 67530
Transparency	≥ 90%	DIN 53146

ADHESIVE

Permanent acrylic, emulsion based adhesive, with high adhesion and tack properties. MP 128N has good adhesion on non-polaric and difficult substrates and is suitable for high converting speeds, achieving optimal dispensing. The adhesive side of labels may stand in direct contact with dry and moist, non-fatty foodstuffs, according to the BgVV recommendations. Certificate available upon request.

Certification : Direct contact dry and moist non-fatty foodstuffs (23388 U 06)

Properties

High Speed Release	0,19 ± 0,04	N/25mm at 100 m/min.	FTM 4
Low Speed Release	0,06 ± 0,03	N/25mm at 300 mm/min	FTM 3
Quick Tack	≥ 8	N/25 mm on glass	FTM 9
Final Peel (20 min)	≥ 7	N/25 mm on glass	FTM 1
Cohesion	≥ 30	Hours on glass	FTM 8
Appl. temperature	≥ +5°C		
Service temperature	from -10 to +80°C		

BACKING

High density, super calendered glassine backing paper. Constant calliper, good strength properties and even compressibility (die-cutting ability). Good translucency for optical scanning.

Technical characteristics

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