



Technical data sheet

MACthene 1069 T.C. MP 450 Century 6 HD White

FACE MATERIAL

MACthene 1069 T.C. is a silver gloss metallized polyethylene film with a print receptive acrylic top-coating. Good conversion, application properties and dispensing ability.

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 and more specifically for luxury products. Also used for oil can labelling.

Technical characteristics

Thickness	90 ± 6 µm	ISO 534
Weight	86 ± 4 gr/m ²	ISO 536
Tensile strength MD	≥ 19 N/15mm	DIN 53455
Resistance CD	≥ 7 N/15mm	DIN 53455

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

High Speed Release	0,45 ± 0,11	N/25mm at 100 m/min.	FTM 4
Low Speed Release	0,12 ± 0,06	N/25mm at 300 mm/min	FTM 3
Quick Tack	≥ 10	N/25 mm on glass	FTM 9
Final Peel (20 min)	≥ 10	N/25 mm on glass	FTM 1
Cohesion	≥ 200	Hours on glass	FTM 8
Appl. temperature	≥ +10°C		
Service temperature	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

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.



MACtac Europe
Bd Kennedy, Zoning Industriel, Zone B
B-7060 Soignies Belgium
Phone : +3267/346 211
Fax : +3267/346 339
www.mactac-europe.com
e-mail : mactac.europe@mactac.com

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