



Technical data sheet

MACal 8128 n.t.c. MP 312 Century 8 White

FACE MATERIAL

Soft cadmium free, white dull vinyl, calendered, monomeric plasticized.

The material can be printed in screen, flexo, letterpress and gravure and can also be used for thermal transfer printing with suitable ribbon quality.

Application

Long life labels and outdoor use. Labels, stickers, signs, emblems, vehicle marking, drum labelling and other applications where conformability, longer life and resistance to weather and chemical agents are required.

Certification : Marine use (BS 5609)

Technical characteristics

Thickness	90 ± 7 µm	ISO 534
Weight	120 ± 14 gr/m ²	ISO 536
Tensile strength MD	≥ 32 N/15mm	DIN 53455
Resistance CD	≥ 30 N/15mm	DIN 53455
Dullness (85°)	± 12 %	DIN 67530

ADHESIVE

Permanent acrylic adhesive with high ultraviolet and weathering resistance.

Good resistance to chemicals and heat.

MP 312 offers excellent adhesion properties and cohesive strength, with inherent resistance to stringing allowing excellent convertibility.

Certification : Indirect contact with foodstuffs (25278 U 07)

Properties

High Speed Release	0,30 ± 0,06	N/25mm at 100 m/min.	FTM 4
Low Speed Release	0,09 ± 0,02	N/25mm at 300 mm/min	FTM 3
Quick Tack	≥ 12	N/25 mm on glass	FTM 9
Final Peel (20min)	≥ 12.5	N/25 mm on glass	FTM 1
Cohesion	≥ 70	Hours on glass	FTM 8
Appl. temperature	≥ +0°C		
Service temperature	from -20 to +80°C		
Shrinkage	≤ 2 mm		FTM 14

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 ± 6 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 : 2 years when stored at 15-25°C, (50 ± 5) % relative humidity, in the original packaging.



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