



## Technical data sheet

# MACal 8199 n.t.c. MP 318UV Century 6 Brown

**FACE MATERIAL**

**Soft cadmium free, gloss clear vinyl, calendered, monomeric plasticized.**  
The material can be printed in screen, flexo, letterpress and gravure and can also be used for hot foil stamping 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, and a good optical clarity. Typical application: this product is mainly used for production of labels for pharmaceutical products.

**Technical characteristics**

<b>Thickness</b>	90 ± 10 µm	ISO 534
<b>Weight</b>	118 ± 13 gr/m <sup>2</sup>	ISO 536

**ADHESIVE**

**A clear permanent acrylic adhesive with high ultraviolet and weathering resistance. Optical clarity - bluish shade - enabling the detection of missing labels (after dispensing) with U.V light.**

Non staining adhesive. Good resistance to chemicals and heat. MP 318 UV offers excellent adhesion properties and cohesive strength, with inherent resistance to stringing allowing excellent convertibility.

**Certification :** Direct contact dry and moist non-fatty foodstuffs ( 23592 U 06 )

**Properties**

<b>Quick Tack</b>	≥ 10	N/25mm on stainless steel	FTM 9
<b>Cohesion</b>	> 100	Hours on glass	FTM 8
<b>Appl. temperature</b>	above + 0°C		
<b>Service temperature</b>	from - 20 to + 80°C		
<b>Shrinkage</b>	≤ 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**

<b>Thickness</b>	52 ± 6 µm	ISO 534
<b>Weight</b>	60 ± 4 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength</b>	≥ 75 N/15mm	DIN 53455
<b>Transparency</b>	≥ 46 %	DIN 53147

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



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