



## Technical data sheet

# MACal 8128 n.t.c. MP 450 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 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.

### Technical characteristics

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

## 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 ).UV resistance is considered as good if not exposed to direct sunlight.

### Properties

High Speed Release	0,35 ± 0,08	N/25mm at 100 m/min.	FTM 4
Low Speed Release	0,08 ± 0,04	N/25mm at 300 mm/min.	FTM 3
Quick Tack	≥ 11	N/25 mm on glass	FTM 9
Peel 20 min	≥ 13	N/25 mm on glass	FTM 1
Cohesion	≥ 60	Hours on glass	FTM 8
Appl. temperature	≥ + 5°C		
Service temperature	from -20 to +80°C		
Shrinkage	≤ 3 %	80°C – 10 min	

## 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 <sup>2</sup>	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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