



# SOLID FOIL T.C. MP 312/2

## Century 8 White

### FACE MATERIAL

#### Top-coated pure aluminium foil.

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

<b>Thickness</b>	40 ± 5 µm	ISO 534
<b>Weight</b>	108 ± 9 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 65 N/15mm	DIN 53455
<b>Resistance CD</b>	≥ 65 N/15mm	DIN 53455

### ADHESIVE

#### Permanent acrylic adhesive with high ultraviolet and weathering resistance.

Good resistance to chemicals and heat.

MP 312/2 offers excellent adhesion properties and cohesive strength, with inherent resistance to stringing allowing excellent convertibility.

**Certification** : indirect contact with foodstuffs (28886 U 09)

#### Properties

<b>Quick Tack</b>	≥ 2	N/25 mm on glass	FTM 9
<b>High Speed Release</b>	0.32 ± 0.07	N/25 mm at 100m/min	FTM 4
<b>Low Speed Release</b>	0.08 ± 0.03	N/25 mm at 300 mm/min	FTM 3
<b>Final Peel (20min)</b>	≥20	N/25 mm on glass	FTM 1
<b>Cohesion</b>	≥ 65	Hours on glass	FTM 8
<b>Appl. temperature</b>	≥ +5°C		
<b>Service temperature</b>	from -20 to +130°C		

### 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>	68 ± 6 µm	ISO 534
<b>Weight</b>	80 ± 4 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 90 N/15 mm	DIN 53455
<b>Resistance CD</b>	≥ 50 N/15 mm	DIN 53455
<b>Transparency</b>	≥ 42 %	DIN 53147

**Shelf life** : 3 years when stored at 15-25°C, (50 ± 5) % relative humidity, in the original packaging.



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*Contains more than 0.1% (w/w) of Bis(2-ethyl(hexyl)phthalate) (DEHP) CAS number 117-81-7. You can find more information on this substance on <http://www.dehp-facts.com/>*