



# MACpropy 699 T.C. MP 318 Crystalback HR

## FACE MATERIAL

**MACpropy 699 T.C. is a clear glossy biaxially oriented polypropylene film with a print receptive top coating.**

Good conversion and application properties.

### Application

This product is mainly used for production of labels for cosmetics and household products. Good stiffness.

### Technical characteristics

<b>Thickness</b>	50 ± 4 µm	ISO 534
<b>Weight</b>	46 ± 4 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 70 N/15mm	DIN 53455
<b>Resistance CD</b>	≥ 120 N/15mm	DIN 53455
<b>Glossy</b>	≥ 83%	DIN 67530
<b>Transparency</b>	≥ 95%	DIN 53146

## ADHESIVE

**A clear permanent acrylic adhesive with high ultraviolet and weathering resistance. Non staining adhesive. Optical clarity.**

Good resistance to chemicals and heat.

MP 318 offers excellent adhesion properties and cohesive strength, with inherent resistance to stringing allowing excellent convertibility.

**Certification :** Direct contact dry and moist non-fatty foodstuffs ( 23591 U 06 )

### Properties

<b>High Speed Release</b>	0,20 ± 0,06	N/25mm at 100 m/min.	FTM 4
<b>Low Speed Release</b>	0,07 ± 0,04	N/25mm at 300 mm/min	FTM 3
<b>Quick Tack</b>	≥ 13	N/25 mm on glass	FTM 9
<b>Final Peel (20 min)</b>	≥ 9	N/25 mm on glass	FTM 1
<b>Cohesion</b>	≥ 100	Hours on glass	FTM 8
<b>Appl. temperature</b>	≥ +0°C		
<b>Service temperature</b>	from -20 to +90°C		

## BACKING

Milky backing used to highlight transparent face material (« no label look ») as well as for high speed dispensing applications.

### Technical characteristics

<b>Thickness</b>	36 ± 4 µm	ISO 534
<b>Weight</b>	50 ± 4 gr/m <sup>2</sup>	ISO 536
<b>Transparency</b>	≥ 87 %	DIN 53147

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



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