



# Technical data sheet

## MACpropy 699 T.C. MP 318N UV Clear PET 36

### 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, household and pharmaceutical products (vials, ampoules, syringes, etc). 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. 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 318N UV offers excellent adhesion properties and cohesive strength, with inherent resistance to stringing allowing excellent convertibility. MP318N UV complies with REACH regulation

#### Properties

<b>High Speed Release</b>	0,15 ± 0,04	N/25mm at 100 m/min.	FTM 4
<b>Low Speed Release</b>	0,03 ± 0,02	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>	≥ 7	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

Clear polyester backing used to highlight transparent face material 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.



MACtac Europe  
Bd Kennedy, Zoning Industriel, Zone B  
B-7060 Soignies Belgium  
Phone : +32 (0) 67 346 211  
Fax : +32 (0) 67 346 339  
[www.mactac-europe.com](http://www.mactac-europe.com)  
e-mail : [mactac.europe@mactac.com](mailto:mactac.europe@mactac.com)



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