



## Provisional Technical data sheet

# MACtrans III T.C. MP 710N Century 8 White

### FACE MATERIAL

**White dull synthetic film, two sides coated, with excellent printing properties. Film with high opacity, tear strength, excellent dimensional stability and printing properties. The extremely smooth coated surface gives even transfer of ink from the ribbon \* and excellent printing characteristics of most common processes thanks to its rapid ink absorption property.**

\* Note : Thermal transfer printing quality is dependent upon the ribbon quality and compatibility with face stock.

#### Application

This product is mainly used for the production of permanent labels overprinted by thermal transfer imprinting process (outdoor use during max. 2 months).

#### Technical characteristics

<b>Thickness</b>	≈ 100 µm	ISO 534
<b>Weight</b>	≈ 80 gr/m <sup>2</sup>	ISO 536
<b>Tensile strength MD</b>	≥ 85 N/15mm	DIN 53455
<b>Resistance CD</b>	≥ 60 N/15mm	DIN 53455
<b>Dullness</b>	≥ 12%	DIN 67530
<b>Opacity</b>	≥ 90%	DIN 53146

### ADHESIVE

**Unique permanent rubber based adhesive that has been developed as an answer to both printers and end users' requirements to give high initial tack and adhesion over a wide range of surfaces.**

MP 710N performs well on difficult surfaces including polyethylene and polypropylene. This hot melt adhesive performs well on difficult substrate.

**Certification :** Direct contact dry and moist non-fatty foodstuffs (29948 U 10 )

#### Properties

<b>High Speed Release</b>	≈ 26	N/25mm at 100 m/min.	FTM 4
<b>Low Speed Release</b>	≈ 5	N/25mm at 300 mm/min	FTM 3
<b>Quick Tack</b>	≥ 15	N/25 mm on glass	FTM 9
<b>Final Peel (20 min)</b>	≥ 13	N/25 mm on glass	FTM 1
<b>Cohesion</b>	≥ 15	Hours on glass	FTM 8
<b>Appl. temperature</b>	≥ +0°C		
<b>Service temperature</b>	from -30 to +50°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.



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)



*All MACtac products are subject to careful quality control throughout the manufacturing process and are warranted to be of quality and free from manufacturing defects.*

*Published information concerning MACtac products is based upon research which the Company believes to be reliable although such information does not constitute a warranty.*

*Because of the variety of uses of MACtac products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice.*