

## Technical data sheet

# MACtrans III SP T.C. MR 980R

## 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. It is also recommended that preliminary test be carried out for certain particular printing methods such as silk screen process.

\* 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 removable labels and stickers with high printing quality.

#### Technical characteristics

Thickness	73 ± 9 µm	ISO 534
Weight	80 ± 6 gr/m <sup>2</sup>	ISO 536
Tensile MD	≥ 55 N/15mm	DIN 53455
Strength CD	≥ 40 N/15mm	DIN 53455
Dullness	16 ± 10 %	DIN 67530

### ADHESIVE

**A removable high performance acrylic adhesive with medium tack, low adhesion and high cohesion.**

This adhesive has excellent wetting properties and may therefore be applied below 0°C..

The MR 980R adhesive performances can be affected by the application on several kind of substrates. Beside damaging the substrate, subsequent removal could be difficult. This construction is not aimed for reclosable end-uses. Therefore, in each case, trials are recommended.

#### Properties

High Speed Release	0,27 ± 0,05	N/25mm at 100 m/min.	FTM 4
Low Speed Release	0,07 ± 0,03	N/25mm at 300 mm/min	FTM 3
Quick Tack	≥ 5	N/25 mm on glass	FTM 9
Final Peel (20 min)	≥ 1,5	N/25 mm on glass	FTM 1
Cohesion	≥ 120	Hours on glass	FTM 8
Appl. temperature	≥ -20°C		
Service temperature	from -40 to +80°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

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



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