

# Multi-fix Series 6601 Multi-laminate



## Technical Data Sheet

### 1) PRODUCT DESCRIPTION

The MULTI-LAMINATE is a series of pressure sensitive products used for protecting digitally printed graphics. It provides fast, efficient processing through roll lamination techniques (roller or squeegee) without the need of high temperatures.

- The MULTI-LAMINATE 6601 is a double sided adhesive used for the mounting of photos. It is based on a thin polyester film coated on both sides with an emulsion based acrylic adhesive.

CARRIER 6601	12 µm ultra-transparent, glossy polyester film
ADHESIVE :	Clear permanent acrylic adhesive
LINER :	White paper 90g/m <sup>2</sup> on one side

### 2) PHYSICAL PROPERTIES

	<u>Typical values</u>		<u>Test method</u>
	<u>End user</u>	<u>Converter</u>	
<b><u>Adhesive</u></b>			
Quick Tack on glass (N)			
Peel 180° on glass (N)	11	9	FTM 9
- after 20 minutes			
- after 24 hours	10	9	FTM 1 (ASTM D 903-49)
Shear on glass (hours)	13	13	FTM 1 (ASTM D 903-49)
1 kg - 25 mm x 25 mm	100	100	FTM 8
<b><u>Carrier data</u></b>			
Thickness (µ)	12		ISO 534 (ASTM D 645)
Tensile strength (N/15 mm)	MD ≥ 25		DIN 53455
	CD ≥ 27		
Elongation (%)	MD ≥ 60		DIN 53455
	CD ≥ 60		
Tear strength (gr)	MD ≥ 8		
	CD ≥ 8		

### 3) CHEMICAL RESISTANCE

Resistant to water, detergents and alcohol.

Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

#### **4) TEMPERATURE RANGES**

Application : +5 °C to + 40 °C  
End-use : -30 °C to + 90 °C  
Storage : +15 to 25 °C and ± 50 % relative humidity

#### **5) SHELF LIFE & DURABILITY**

6601 can be stored for 2 years at recommended storage temperature and humidity without alteration of its performance.

6601 will give satisfactory performance up to 2 years indoor.

The durability does not relate to image mounted but only to the mounting film.

**Note** : *These end-use life estimates are based on accelerated ageing studies and **outdoor** exposure, under conditions experienced in vertical exposure and in "normal" temperate climates. Exposure to severe humidity and ultraviolet light, as in southern European countries, and also in tropical, sub-tropical or desert regions, will cause a more rapid deterioration. This also applies to polluted areas, high altitude, horizontal and/or south-facing exposure, very dark inks, where durability may be divided by 2.*

#### **RECOMMENDATIONS**

- Always test the compatibility of MULTI-LAMINATE 6601 onto polycarbonate, polystyrene, polymethyl-methacrylate substrates.
  - Ensure polycarbonate panels have degased before using them.
  - Do condition the paperphoto at a relatively high humidity level 24 hours before mounting to avoid expansion or tunnelling.
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- *All Multi-fix products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects.*
  - *Published information concerning Multi-fix 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 Multi-fix 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.*