

Multi-fix 6714-15 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 6714 and 6715 are clear PVC film specifically designed for flat to curved surfaces and long term protection of digital prints.

6714 has a glossy finish whereas 6715 has a matt finish.

6714 and 6715 help reducing colour fade caused by ultra-violet (U.-V.) during exposure to light. They are recommended to laminate the Digital White Printing media 6005PE.

FACE MATERIAL 6714	65 µm glossy polymeric PVC film
6715	65 µm matt polymeric PVC film
ADHESIVE :	Clear acrylic adhesive
LINER :	White kraft paper 100g/m ²

2) PHYSICAL PROPERTIES

	<u>Typical values</u>	<u>Test method</u>
Adhesive		
Quick Tack on glass (N/25 mm)	12	FTM 9
Peel 180° on glass (N/25 mm)		
- after 20 minutes	10	FTM 1 (ASTM D 903-49)
- after 24 hours	14	FTM 1 (ASTM D 903-49)

3) CHEMICAL RESISTANCE

Resistant to short periods of immersion in water and short contact with detergents, alcohol and some aliphatic solvents. Not recommended for contact with ketones, esters, aromatic solvents and chlorinated hydrocarbons.

For further technical advice, please consult Multifix.

4) TEMPERATURE RANGES

Application : +15°C to + 40°C
End-use : -30°C to + 70°C
Storage : +15 to 25°C and ± 50 % relative humidity

5) SHELF LIFE & DURABILITY

6714 and 6715 can be stored for 2 years at recommended storage temperature and humidity without alteration of its performance.

6714 and 6715 will give satisfactory performance up to 5 years of outdoor exposure.

The durability does not relate to the image protected but only to the laminating 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 (Western Europe). 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, printing with very dark inks, where durability may be divided by 2.*

RECOMMENDATIONS

- Always test the combination of MULTI-LAMINATE 6714 & 6715, printing media and inks prior to commercial use
- When laminating digital prints, ensure the print is perfectly dry (wait min. 48 h before transport or lamination)
- *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.*