

Multi-fix Series 6051 dig white

TECHNICAL DATA SHEET



A Bemis Company

1. Product description

Multi-fix Digital White 6051 is the first choice for digital printers using 'inkjet', 'airbrush', 'thermal resin' or 'electrostatic transfer' methods. Digital white is a high gloss vivid white vinyl formulated to promote quick drying of inks and resins. Digital White has similar cutting and weeding characteristics to the popular Series 5000. Digital White-backing paper is unprinted.

2. Product construction

vinyl: polyvinyl chloride, monomeric, stabilised, UV protected, precision calandered, matt
cadmium free.

Adhesive: solvent-based acrylic, clear, pressure sensitive, permanent.

Backing Paper: kraft, clay-coated, double-calandered, siliconised one side.

3. Shelf life:

3 years when stored at moderate temperature and humidity.

4. Temperature ranges

Application	> 10°C
End-use	- 40°C to + 90°C
Storage (optimum)	15°C to 20°C

5. Physical and Chemical characteristics

Vinyl

Thickness :	75 my
Tensile strength at break: N/mm ²	MD min. 28
(speed 200mm/min)	CD min. 26
Dimensional stability:	<0,03%
(48h at 70°C)	shrinkage

Adhesive

Weight:	24 gr/m ²
Adhesion:	>19N/25mm (Finat-1 test method)
UV resistant	

* **Backing paper**

Thickness : 140 my

Weight: 140gr/m

* **Solvent resistance:**

* **Petrol resistance:**

* **Chemical resistance:**

The vinyl's are resistant to most oils and fats, fuels, aliphatic solvents, mild acids, salts and alkali such as:

Test agent	Test time	Test result
Salt water 10°C to 75°C	2000h	no effect
Motor oil 20W/50	500h	no effect
Transmission fluid	500h	no effect
Anti frost	500h	no effect
Petrol	24h	no effect

Test method Samples of Multi-fix Digital White were applied to enamelled steel-sheet one hour before testing. Samples were immersed in the specified test-agent at room temperature then removed after the tests times notes above.

6. Durability

Durability depends printing method. Correct substrate preparation and maintenance of vinyl will enhance durability.

7. Recommendations

Important Notice

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.