

Multi-fix Series 5900

TECHNICAL DATA SHEET



A Bemis Company

1. Product description

Multi-fix series 5900 is a fluorescent flexible vinyl with high impact visibility when illuminated by all daylight condition. It is used for eye-catching advertisement. Multi-fix adhesive is repositionable which means placement errors can be corrected before adhesive cures. Multi-fix can be removed from most substrates after many years without leaving adhesive residue. This is a major benefit over competitive brands of vinyl.

Series 5900 backing paper is printed with a distinctive red trade-mark.

2. Product construction

Vinyl: polyvinyl chloride, monomeric, stabilized, UV protected, precision calandered, 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 | 15°C to 20°C |

5. Physical and Chemical characteristics

*** Vinyl**

| | | |
|---|----------------------------|-----------|
| Thickness | 150my | DIN 53370 |
| Weight | 195 gr/m ² | |
| Tensile strength at break: N/mm ² (speed 200mm/min) | MD min. 13 CD min. 13 | DIN 53455 |
| Elongation at break | MD min.100% CD min.100% | DIN 53455 |
| Dimensional stability: (48h at 70°C) | <0.5% shrinkage | |

Gloss at 60° angle

*** Adhesive**

| | |
|----------------|---------------------------------|
| Weight: | 23 gr/m ² |
| Adhesion: | >19N/25mm (Finat-1 test method) |
| UV resistance: | 5-7 years |

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* **Backing paper**

Thickness: 140 my

Weight: 140gr/m²

Length: 45 m

* **Solvent resistance:**

* **Petrol resistance:**

* **Chemical resistance:**

6. Durability

Average durability is 6 months in middle European weather conditions.

In case of exterior durability applications, it is pointed out that the outdoor life depends on the individual colour, season of exposure, and based on Northern European exposure conditions, gives a maximum life of 1 – 4 months.

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.

www.multi-fix.com