**3700 Plotter Series (CAD/CAM)**

 **Description**

UNIFOL 3700 Monomeric Plotter Films are specially designed for decorative purposes and free from Cadmium with high quality color pigments and UV content structure. To provide ease for cutting and application, white folios has blue siliconised release liner.

**Area of Use**

UNIFOL 3700 Plotter Films provide solutions for applications providing short and medium term solutions to all kind of glass surfaces, signs, guiding marks, showcases and all types of visual decorations such as exhibitions and advertisement campaigns.

**Release Liner**

Specially produced highly stable 138g /sqm one side silicone coated kraft paper. For white PVC, a light blue

silicone paper is used, to form a stronger contrast for lettering.

**Adhesive**

Acrylic Permanent Clear Adhesive.

**Printing Technology**

3700 Plotter Films are suitable for printing machines which use Solvent, ECO Solvent, UV and Latex technology.

**Technical Characteristics**

|  |  |  |
| --- | --- | --- |
| **Properties** | **Test Method** | **Value** |
| **Film Thickness \*****(Adhesive and Release Liner are Excluded)** | ISO 4591:1992 | 0,070mm (70 micron) |
| **Adhesive Power \*\*** | FINAT TM 1(Stainless Steel) | Inital >8 N/25 mm20 Minutes >12 N/25 mm24 Hour >16 N/25 mm |
| **Tensile Strength** | ISO 527-1:2012 | Along : >16MPaAcross: >18 MPa |
| **Elongation Strength** | ISO 527-1:2012 | Along : >%160Across: >%170 |
| **Dimensional Stability****(150x150 mm / 48 hour / 70°C)** | FINAT 14 / Steel | < 0,4 mm |
| **Temperature Resistance** |  | -30°C ile +90°C |
| **Application Temperature** |  | > +10°C |
| **Shelf Life \*\*\*** |  | 2 Years |
| **Service Life**  | The given values are prepared as considering vertical applications in middle of Europe climate conditions. | Outdoor 3 Years (Unprinted)Indoor Unlimited |

Note: Printed product should be stayed approximately 24 hours before lamination.

**Attention**

**Before the application the surface must be cleaned from dust, powder, oil and all other things which will affect the adhesive properties. Freshly lacquered or painted surfaces must be kept waiting at least 2 weeks for maximum results. For all applications Unifol Application Guide must be considered. The statement in this data sheet is intended only as a source of information and is given without guarantee. For large application areas and wide range application differences, users must test the product for their applications. Calculated for applications under Middle Europe climate conditions and for vertical applications. This information stated on this documents depends on user experiences and don’t give any warranty for the product. UNIFOL-UNICAST brand names are registered trade marks of BES REKLAM A.Ş.**

**\* Avarage %3**

**\*\* With original package at 23 C and 50% relative humidity**

**\*\*\*Calculated for applications under Middle Europe climate conditions and vertical applications**

**In the event of indemnification of the losses that may be subject to the compensation, UNIFOL technical team reserves to right of examination.**

**The costs other than the material itself (workmanship, ink, consumables, print, and removal, cleaning etc. costs) will not be included for calculations of the potential losses that may occur. UNIFOL replace the defective materials if necessary. Product replacement will be accepted only after approval of UNIFOL LABORATORIES.**

**Unifol application guide can be obtained from sales representatives or downloaded from unifol official website** [**www.unifol.com.tr**](http://www.unifol.com.tr)