# Walsh Graphics
# DIGI-LINE

## PRODUCT DESCRIPTION

**S-DV1120 (Gloss) / S-DV1127 (Matt)**

**Substrate:**
Clear Glossy/Matte Polymeric PVC, soft calendered, made from polymeric resins. It reveals high quality of printing and stability to solvents.

**Adhesive:**
Permanent Acrylic "solvent free", pressure sensitive

**Liner:**
Clay coated one side siliconized paper

**Durability:**
< 5 years (outdoor) / < 7 years (indoor)

**Common uses:**
Suitable for printing and medium to long term applications (both indoor and outdoor) flat and convex curved surfaces.

**Recommended printing method:**
UV, solvent

**Recommended laminate:**
This product has been tested and approved for use in conjunction with DIGI-LINE laminates. The film should be protected with the recommended lamination in order to provide the necessary strength.

## PRODUCT SPECIFICATIONS

| | Gloss | Matt |
|---|---|---|
| **Thickness** ($\mu m$) | 75 | |
| **Grammage** (g/m2) | 98 | 99 |
| **Shrinkage** md/cd – (10 min 70º) (%) | -1 / +0.5 | -2 / +0.5 |
| **Surface energy** (dyne/cm) | 37 | |
| **Tensile Strength** – md/cd (MPa) | 40 / 35 | 37 / 33 |
| **Elongation at break** md/cd | 330 / 420% | 310 / 390% |
| **Gloss** (60º) | > 90% | 12% |
| **Temperature of use** | 20-30 ºC | |
| **Relative Humidity** (use) | 50% | |
| **Peel Adhesion** (N/25mm) | 8 – 11 | |
| **Liner Thickness** ($\mu m$) | 118 | |
| **Liner Grammage** (g/m2) | 140 | |
| **Liner Release Force** (cN/25mm) | 30 | |

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## WHITE BLOCKOUT POLYMERIC VINYL

## RECOMMENDATIONS:

Film not recommended for floor graphics (areas with car traffic), flexible or low energy films, painted or non-painted carton walls, plaster walls, wallpaper, poorly cleaned, rough surfaces or surfaces with degraded ink.

Do not expose to common spills or vapours.

Non-vertical application results in a significant decrease of the durability, as well as an inadequate climate and angles of solar exposure. Before film usage, it is recommended that it is left at least 24h at the temperature of the workplace. Other factors not described here may influence performance in use.

Removal: without heat or chemicals

Store between 15 and 25ºC and 50%RH, protected from solar exposure, in a clean dry location, in the original package. The product must be stored vertically in order to ensure that the quality is not compromised.

Use within 1 year of the production date, as long as kept in the closed original package.

An excessive quantity of paint in the product will result in changes of its characteristics, inappropriate drying and detachment of the laminate and/or poor performance.

Inadequate drying may result in windings, wrinkles and adhesion failures, which translates into poor performance of the product. It is recommended a minimum drying time or 48h before any additional processing. Drying should be done with the product unrolled.

## PLEASE NOTE:

Walsh Graphics can't be held accountable for the ease or speed of removal of the applied material. The air and the film's temperature have to be taken into account.

The data provided in this technical sheet is based on our knowledge and experience. It's supposed to be a source of information and cannot be used as a guarantee. The data contained here is subject to changes without previous notice.

The end user should determine the materials' compatibility with the intended application, prior to using it. Walsh Graphics won't be held accountable for misuse or inadequate storage, and cannot therefore be responsible for losses or damages to third parties.

Claims are only accepted if the client has the QR codes available alongside the product and placed in the production sheet.

## TEST METHODS:
## ADHESION – FINAT FTM1

The test is done by removing a strip, 25mm wide, at an angle of 180º from the inox steel plate with the help of a 50kg cell dynamometer. The value is measured after production and again after a period of time that allows the stabilization of the adhesive's properties, which you then compare with the values from the Quality Control tests.