



## COALA ONE WAY VISION

### Product Information

One Way Vision Vinyl (white gloss, 160  $\mu$ ) with clear solvent based acrylic adhesive (permanent), laminated on a double PP liner . The Additional Liner construction eliminates the “bridging” over the perforated holes that can occur with UV Curable printers.

The PVC offers a high dimensional stability and is suitable for applications on flat glass surface.

Especially designed for decoration of car windows, public vehicles windows and shop windows showing the printed surface outside but allowing a good see-through from the inside.

Designed to be highly resistant to solvent ink aggression during printing process and to guarantee very good printing performance on any solvent and eco-solvent, latex and UV curing based ink-jet printer.

Once applied on glass, it can be removed without leaving adhesive residues.

### Technical data

#### **Film:**

<b>Type</b>	Monomeric PVC film
<b>Thickness</b>	180 +/- 10 $\mu$ m
<b>Front Color</b>	Milk white
<b>Back</b>	Full Black
<b>Shrinkage</b>	$\leq$ 0.8%
<b>Surface tension</b>	$\geq$ 30 dyne / cm
<b>Holes No.</b>	Average 130 / sq inch
<b>Hole Diameter</b>	1.6mm
<b>Distance between Holes</b>	2.4mm
<b>Hole Space (transparency)</b>	41% 41%
<b>Opacity</b>	98%

#### **Adhesive:**

<b>Type</b>	Clear removable (solvent based pressure sensitive adhesive)
<b>Thickness</b>	30 +/- 3 $\mu$ m
<b>Application conditions</b>	15°C – 40°C (thermal range), $\geq$ 8°C min. application temperature
<b>Initial Adhesion-Ball Tack</b>	$\geq$ 5 Steel Ball
<b>Peeling force (24h)</b>	5 $\leq$ x $\leq$ 10 N/25 mm
<b>Expected lifetime</b>	24 months. Six months for a clean removal. Adhesion may increase with time.
<b>Removable Durability</b>	Max one year cleanly removable at the temperature of 23-25°C and RH of 50-60% (provided that the glass surface is very clean when sticking).

#### **Liner:**

<b>White siliconated paper</b>	105 g in full surface (55 g after punching)
<b>Transparent OPP</b>	25 g hot laminated
<b>Weight</b>	80 g +/- 5 g/m <sup>2</sup>
<b>Release Force</b>	0,03 N/4cm

The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.





### **REACH Regulation**

We inform that the substance Bis(2-ethyl(hexyl)phthalate (DEHP) is present in a concentration of 0,13%. For further information, please refer to the certified copy available of the analyses worked out on the substances taken into consideration by REACH (Registration Evaluation Authorization of CHemicals).

### **Shelf Life**

2 years when stored in the original packaging between 20°C and 25°C at 50 % relative humidity.

### **Recommendations for laminating**

Please ensure the print is perfectly dry before laminating.

We suggest to let the material dry for at least 48 hours after printing.

We recommend to use Coala 1D Lam Matt or Coala 1D Lam Gloss for laminating.

### **Standard Dimensions**

1372 mm x 50 m

1520 mm x 50 m

### **Safety Data Sheet**

When used under normal conditions, this product does not generate or release any dangerous substances or hazardous chemicals. This is a non-hazardous product in accordance with the current GefStoffV and EU criteria. Therefore it is not necessary to prepare a Material Safety

Data Sheet for this product. The Safety Data Sheet serves only to comply with the regulation to supply information in accordance with REACH Regulation (EC) No. 1907/2006 and is available on request. This product is not a hazardous product with regards to transportation legislation; neither does it contain substances that are hazardous to water within the meaning of the federal water act. After use, dispose of the waste product in accordance with the local / national authorities.

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