

TECHNICAL DATA SHEET

ONE WAY VISION (OWV STD)

1. Description

Film : 140 micron (including adhesive) White, Soft Monomeric Calendered PVC film

Perforation : 40%

Adhesive : Removable Clear Solvent based Acrylic adhesive

Release liner : One Side PE and Silicon Coated Kraft Paper, 120gsm

Width : 0.98/1.27/1.52m

Length : 50 mtrs

Durability : Upto 1 Year



2. Properties

Item	Unit	Value	Tested Method
Thickness- Film	μm	120	GB/T6672-2001
Thickness- Finished Product	μm	280	GB/T6672-2001
Adhesive Weight	g/m	14-16	FINAT12
Elongation at Break MD	%	-	GB/T1040.1-2006
Elongation at Break CD	%	-	GB/T1040.1-2006
Tensile Strength at Break MD	N/25mm	-	GB/T1040.1-2006
Tensile Strength at Break CD	N/25mm	-	GB/T1040.1-2006
Dimensional Stability MD	%	≤0.5	FINAT14
Dimensional Stability CD	%	≤0.3	FINAT14
Initial Adhesion	N/25mm		FINAT9
180 Peel -20 Minutes	N/25mm	4-5	FINAT9
180 Peel -24 Hours	N/25mm	5-6	FINAT1

3. End Uses

Windows and Glass Applications

4. Usage and Conversion

Media is suitable for Inkjet Printing (Latex, Eco-Solvent and Solvent)

Please follow below cautions to avoid failure:

Complete Drying of Ink after printing is mandatory. Incomplete drying can result in graphic failure including curling, increased shrinkage, adhesion failure which are not covered under product warranty

Recommended maximum ink limit is 250%. Excessive total physical ink amount on the film may results in changes in media characteristics, lifting of over laminate, incomplete drying and overall poor graphic performance

It is not recommended to store finished graphics for extended period of times as it may result in shrinkage from edges. If such storage is necessary, it is recommended to leave unprinted margin of one fourth of an inch to allow trimming from edges

5. Application Characteristic

Characteristic

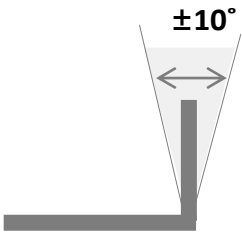
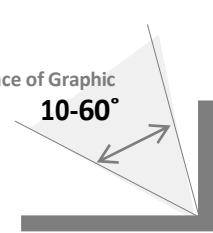
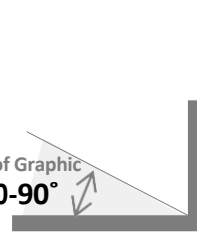
- Media is suitable for only for Vertical Windows and Glass
- Not Recommended for windows with wipers, roll down feature, scratch resistance or anti-reflection coating
- Recommended temperature at the time of application is between 10° – 38°C
- Recommended for Dry Application

6. Shelf Life and Storage

Activity	Recommendations
Shelf life	- The shelf life is upto 1 years if stored under less than 20° C and under 50% relative humidity - The shelf life is upto 6 months if stored in more than 20° C (under 32° C) - After processing of film, shelf life gets changed to upto 3 months
Storage conditions	It is recommended to store the material in clean and dry area, out of sunlight under maximum temperature 32° C and under 50% humidity

7. Durability Guide

Durability Period & Exposure Conditions

Exposure to		Durability Period
Vertical		Upto 1 year
Vertical Face of Graphic $\pm 10^\circ$  Non-Vertical Face of Graphic $10-60^\circ$  Horizontal Face of Graphic $60-90^\circ$ 		

* Durability period may differ from zone to zone depending upon weather conditions

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