

# AutoVue™ Universal Liner Data Sheet

As at 29 May 2023

Product Codes: AVUL50, AVUL5060

Applications	Exterior mount to automotive and building windows where maximum view-ability is required. Refer to the Recommended Applications and Visible Light Transmission Compliance Fact Sheets.
Makeup	Calendered polymeric flexible perforated black (adhesive side) / white (printable side) satin PVC with clear pressure-sensitive adhesive and Universal Liner
Vinyl Thickness	160 microns +/- 10 microns, softness: 26PHR
Release Liner	Universal Liner, dual layer liner comprising solid double PE coated 100gsm paper liner attached to perforated 120gsm paper double PE coated layer.
Adhesive	Removable clear solvent polyacrylate adhesive, Glue thickness: 20 – 25 microns. Strength: After 24 hours on stainless steel ≥ 6N/25mm. FINAT TM1.
Perforation Size & Pattern	2.0mm, more than 50% open area
Transmittance	VLT 39.2% on 3.5mm factory tinted automotive glass
Standard Widths/Lengths	1370mm x 50m on 76mm core (product codes: AVUL50) 1520mm x 50m on 76mm core (product codes: AVUL5060)
Application Temperatures	Recommended: 15°C to 25°C, Min: 5°C Max: 30°C (in shade)
Service Temperatures	-10°C to +55°C
Durability	5+ years. Unprinted vertical application. Adhesion may increase with time.
Water & Humidity Resistance	Fair, recommend laminate with optically clear Clear Focus AutoLam or CurvaLam
Solvent Resistance	Fair
Storage Stability	12 months shelf life when stored at 21°C & 50% relative humidity
Printing	Refer to the Ink Compatibility Fact Sheet. Compatible with latex, screen, solvent and UV-cure printing. Print image on white (non-adhesive) side. <b>Testing recommended before production to determine appropriate profile settings.</b> Recommended latex printer profile: HP Perforated Adhesive Window Vinyl, available from HP.
Out Gassing	3 - 5 days suspended vertically in well ventilated area. Trim after out gas period.
Matching Laminate	<b>CurvaLam or AutoLam only. Do not use any other film.</b> Refer to our Laminating One Way Vision Information Sheet. Cold press only using a laminating machine. After laminating, wait 24 hours before applying to window.
Installation	Refer to the Surface Preparation and Installation Instruction Fact Sheets. Apply to clean, dry, tepid temperature glass surface. Use mild liquid soap (wax free) and water, dry glass well with clean lint free cloth and 100% IPA. Do NOT use ammonia, Windex®, vinegar, methylated spirits, Prep-Wash, Prep-Sol, citrus cleaners or other solvent-based glass cleaner prior to application. Do not use heat.
Care and Removal	Refer to the Care and Removal Fact Sheet. Remove by peeling from surface.
Warranty and Disclaimer	12 months from date of purchase. Refer to the Warranty Statement.

The information in this data sheet is presented for reference and illustration of general product characteristics only. The information does not constitute a representation or warranty relating to the suitability or fitness for application or otherwise create guarantees of product performance. **In all cases, purchasers should independently determine, prior to use, the suitability of this product for their specific application.**