

Technical Specification Sheet

Ball & Doggett
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Product: OneWayVision AutoVue SL



Category: Sign, Display & Digital - Solvent / Latex

As at 5 February 2019	AVSL25, AVSL2560, AVSL50, AVSL5060
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 solid single layer paper liner.
Vinyl Thickness	160 microns +/- 10 microns, softness: 26PHR
Release Liner	Solid Liner. Single layer liner comprising solid PE coated silicon paper liner.
Adhesive	Removable clear solvent polyacrylate adhesive. Glue thickness: 20 – 25 microns. Tack: 270 +/- 30g per 25mm, adhesion after 24 hrs: 650 +/- 50g per 25mm.
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 25, 50m on 76mm core (product codes AVSL25 and AVSL50) 1520mm x 25, 50m on 76mm core (product codes AVSL2560 and AVSL5060)
Application Temperatures	Recommended: 15°C to 25°C, Min: 5°C Max: 30°C (in shade)
Service Temperatures	-10°C to +55°C
Expected Lifetime Exterior	2 - 3 years. Adhesion may increase with time.
Water & Humidity Resistance	Fair, recommend to laminate with optically clear film Clear Focus CurvaLam
Solvent Resistance	Fair
Storage Stability	9 months shelf life when stored at 21°C & 50% relative humidity
Printing	Refer to the Ink Compatibility Fact Sheet. Compatible with screen, solvent (including mild and eco) and latex inks. Print image on white (non-adhesive) side. Testing recommended before production to determine appropriate profile settings. 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	Clear Focus CurvaLam
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.