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Digital Product Range

Date of Issue: 19/07/08
Supersedes: 07/03/08

Product Code	-	Ri-Jet 100
Adhesive Reference	-	RI-AVM
Description	-	Gloss white soft vinyl

Face Material

Caliper	-	100	microns (+/-10%)
Substance	-	140	gsm (+/-10%)
Shrinkage	-	<1%	
Durability	-	3*	years
Recommended Shelf Life (Prior to printing)	-	6	months

Adhesive

Adhesive Type	-	Repositionable acrylic	
Tack	-	Medium	
Resistance to Sunlight	-	Very Good	
Minimum Application Temperature	-	+ 10°C	
Service Temperature	-	-40 to +10080°C	
Cohesive Strength	-	High	
Initial Adhesion	-	500	g/25mm
Adhesion at 48 Hours	-	800	g/25mm

Release Liner

Type of Backing	-	Kraft - Clay coated. single side siliconised (printed red removable)	
Colour	-	White	
Substance	-	140	gsm (+/-10%)
Caliper	-	150	microns (+/-10%)

*Relates to life of vinyl, life of print depends on inks used.



Fire Standards Certification

This product has been tested and is certified to the following standards:

- 1) BS 476 Part 6 1989: Fire Propagation Test: Index 0
- 2) BS476 Part 7 1997: Surface Spread of Flame: Class 1Y
- 3) BS 6853:1999:Appendix D, Clause D.8.4: Smoke Density: A₀ (ON)=8.82: A₀(OFF)=9.67
- 4) BS6853: 1999:Annex B: Weighted Summation of Toxic Fume: R=0.57
- 5) BSS 7239-88 Test for Toxic Gas Generation by Materials on Combustion giving the following results: -

Gas	Test values detected (ppm)	Airline Industry limits (ppm) (NOT set by BSS7239)
CO	100	3500
HF	None detected	200
HCl	6.75	500
NO _x	1.5	-
SO ₂	None detected	100
HCN	None detected	150

- 6) ASTM E662-03 Specific Optical Density of Smoke Generated by Solid materials:-

	Average Dm	Average Dm (corrected)
Non Flaming	53.09	49.75
Flaming	45.26	44.59

note : ASTM E662-02 results should meet the US aircraft and train industry requirements

- 7) FAR/JAR Part 25 App F Part 1 (Vertical surfaces) – as required by Civil Aviation authorities worldwide.



Application Recommendations

- **Vehicle Painting:**

Signs should not be applied until a minimum of 2 weeks after the painting of the vehicle and the paint should be fully cured.

- **Sign Printing:**

Inks should be printed, dried or cured according to the manufacturers' recommendations. In particular, care should be taken not to lay down excessive coat weights of screen inks especially at the sign edge. A 12mm unprinted border is strongly recommended.

- **Sign Application:**

Sign fixers should ensure that the painted panels are perfectly clean, smooth and dry before application. Signs should be well applied to eliminate air entrapment and creasing, ideally at normal working temperatures between +5⁰ and +25⁰ centigrade. Special care should be taken where surfaces are uneven, riveted, corrugated or curved or the sign edges have to be overlapped. It is particularly important to avoid the creation of sections of the sign where there may be the possibility of entrapment of contaminants behind the vinyl film.

- **Sign Removal:**

This should be carried out by careful peeling from the sign edge at an angle of removal close to 90⁰ from the vehicle.

Typical Applications: This product is designed for short to medium term advertising campaigns on exterior surfaces of vehicles.

Solvent screen-printing.

Solvent inkjet printing – This media has been specifically developed for and widely used with the following machines ; Scitex Grandjet S Series, Idanit 162; Pressjet, XLJet; Vutek UltraVu Series; NUR Fresco, Blueboard, Salsa Series; Oce Arizona Series; Mutoh Albatross; Mimaki JV3, JV4; Durst Rho; Zund UVjet 215C; Inca Eagle 44.

Also suitable for use with; DGI, Signjet, Yaselan, Techwin & Flora, Roland Versacamm, Digidelta SPJ4-SPJ M4.

Additional testing required for electrostatic printers, or 'eco-solvent' machines, i.e. 'Resolve'.

As well as withstanding adverse weather conditions, this product will remain secure and unaffected by regular vehicle wash cycles.

The RI-AVM adhesive system has been developed specifically for all forms of vehicle advertising, allowing the product to be carefully positioned on initial application and yet cleanly removed when required.

Adhesive will provide excellent adhesion to typical painted vehicle or bus sides and can be removed cleanly after use – providing the correct application recommendations have been followed.

Equally suitable for use on taxis, trams and trains. It offers an ideal solution for temporary signage.

Available widths: 1.4/1.55M + Arizona format