

Technical specification sheet

Ball & Doggett
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Product: Mastertac One Way Vision



Category: Display & Visual - UV Ink jet

Country of Origin: China

Technical specifications:

Characteristics	Test Method	Average Values
Film thickness	ISO 4591:1992	160±10 micron white/black Polymeric pvc film
Adhesive type		Solvent polyacrylate, removable, transparent
Adhesive Removability		Within 1 year residueless removable from most surface
Release paper		Perforated paper + double PE coated paper, 175gsm
Dimensional stability	FINAT TM14	Adhered to glass, no shrinkage in cross direction, in length 1.0mm max
Temperature resistance		Adhered to glass. -20 deg to +65deg, no variation
Diameter of hole		1.50mm
Perforating ratio		40%
Seawater resistance	DIN 50021	Adhered to glass, after 48h/23deg no variation
Adhesive power	FINAT TM1	After 24h stainless steel 4~6N/25 mm
Tensile strength along across	DIN EN ISO 527 DIN EN ISO 527	Min.5Mpa Min.5Mpa
Elongation at break along across	DIN EN ISO 527 DIN EN ISO 527	Min50% Min50%
Shelf life		Up to 2 years
Application temperature	Clean, dry surface	Min.+10℃
Service life by specialist application	Under vertical outdoor exposure	Normal climate of china Up to 2 years

Attention: After printing the ink must be thoroughly dry in order to avoid any affect on the later combination with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.

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Conversion⁺

- | | |
|---|---|
| ☐ Flat bed cutters | ☐ Cold overlaminating |
| ☐ Friction fed cutters | ☐ Aqueous |
| ☐ Die cutting | ☐ Latex inkjet |
| ☐ Thermal transfer | ☐ Eco Solvnt inkjet |
| ☐ Screen printing | ☐ Solvent inkjet |
| ☐ Offset printing | ☒ UV curable Inkjet |

⁺Always test with your combination of printer and inks prior to commercial use.

Sheet Sizes

1370mm x 50m	141228
1370mm x 250m	150730

Common applications

Graphics on Vehicles	Glass walls of buildings
Show windows	Advertising media on glass panels
Airport Graphics	Subway window