



# Technical Data Sheet

## Asphalt Art®

TDS number: Asphalt Art  
 Effective Date: 1/25/2011

### DESCRIPTION

Asphalt Art® is a printable, commercial grade slip resistant white foil based media that has been designed to meet OSHA standards for general purpose anti-slip surface applications. Asphalt Art maintains both NFSI and ASTM D-2047 certifications for non slip surfaces. Asphalt Art only recommends the use of UV Curable and Latex inks and printers.

### APPLICATIONS

Asphalt Art® is designed for outdoor advertising and promotional applications that require short to long term anchorage to a wide variety of surfaces including asphalt and concrete. It has been successfully used in a wide range of industries including retail, OEM, Action Sports, Building Safety, etc.

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	PSTC - 133 - Substrate - Pressure Sensitive adhesive - Release Liner	0.020 inch (0.508 mm) 0.003 inch (0.076 mm) 0.006 inch (0.152 mm)
Peel Adhesion to:  - Stainless Steel  - Powder coated surfaces *  - Polyethylene	PSTC – 101  15 minute dwell 24 hour dwell  15 minute dwell 24 hour dwell  15 minute dwell 24 hour dwell	  80 oz/in (88 N/100 mm) 100 oz/in (110 N/100 mm)  70 oz/in (77 N/100 mm) 80 oz/in (88 N/100mm)  50 oz/in (55 N/100 mm) 60 oz/in (66 N/100 mm)
Shear Adhesion to:  - Stainless Steel	PSTC – 107  1/2” x 1/2” x 1000g	  5 hours
Tack	PSTC - 6 Rolling Ball Tack	< 5 inches
PHYSICAL PROPERTIES	TEST METHODS	NOMINAL RESULTS
Coefficient of Friction (Static)	ASTM D1894 Dry Rubber Wet Rubber Dry Leather Wet Leather	 0.9 0.8 0.6 0.9

Service Temperature High	14 days at 220°F	No Visible effects
Low	14 days at -20°F	No Visible effect

CHEMICAL PROPERTIES	REAGENT	RECOMMENDATION
<u>Solvent Resistance</u> <i>(Product laminated to stainless steel panel and allowed to condition for 24 hrs at room temperature before testing. Sample was covered with reagent to the point that edges of product are also exposed to the reagent. The product is exposed to reagent for 1 hour at room temperature then reagent is removed and product is immediately tested for scrape resistances, delaminating, and other visual effects.)</i>	Water	Recommended
	10% Salt Water	Recommended
	Bleach	Recommended
	Trichloroethylene	Not Recommended
	25% Sulfuric Acid	Intermittent Contact Only
	1% Sodium Hydroxide	Intermittent Contact Only
	Unleaded Gasoline	Recommended
	Diesel Fuel	Recommended
	Hydraulic Fluid	Recommended
	50% Antifreeze in water	Recommended
	MEK	Not Recommended
	Mineral Spirits	Recommended
	99% IPA	Recommended

\* Color and lot variances of coated surfaces including paints, powder coatings, lacquers, stains, and other treatments may vary the performance of the tape and should be evaluated for the compatibility of the tape to the specific surface.

- Asphalt Art recommends application of product within (1) year from date of purchase.
- Product should be stored at room temperature. Stored temp not to exceed 130F.
- Recommended application temperature : 50-100F
- Recommended application humidity: Under 80% RH.
- Adhesive type: High Performance PSA

**Note:** While the data contained herein is believed to be reliable averages of the product's properties, the data should not be used for specification purposes. Asphalt Art cannot guarantee colors due to the variation in ink lots, manufacturing processes, etc. Sample colors may also vary as the samples may be shipped from different bundles or lots. Customers who desire specific performance data should contact Asphalt Art for further recommendations.

## WARRANTY

Asphalt Art products are warranted to be free of defects in material and manufacture at the time of shipment and to meet the specifications stated in the Technical Specifications Sheets. Asphalt Art will replace or refund the price of any Asphalt Art materials found not to meet our product specifications. In no case shall Asphalt Art be liable for any direct, indirect, or consequential damages; including labor or non-Asphalt Art materials charges. \*\*The determination of the suitability of this product for any specific use is solely the responsibility of the user. No representations, guarantees or warranties of any kind are made to the accuracy or suitability for specific applications.