Product Name: DPI-1200 Heat Resistant White Ink

Substrates Marked

Preferred: Metal, Ceramic, Wood, Plastics
Acceptable: Sample marking to determine specific applications

Product Specifications/Characteristics

UN Number	1210	**Flash Point**	16° F (-9°C)
Type	Ink Jet	**Recommended Storage**	32°- 90° F (0°C – 32.2°C)
Colorant	Pigment	**Shelf Life**	1 years
Viscosity	Liquid	**Package**	Vapor barrier polyethylene
Drying Time	5-10 seconds	**Unit**	Various
Open Time	N/A	**Density**	7.78 lbs/gal
DOT Regulations	Flammable	**RCRA Waste Number**	D001, D035, F005
VOC	83 g/l	**Thinner**	N/A
SDS Sheet Number	5858	**Cleaner**	SCP-700C
HMIS Rating	1-3-0	**NFPA Rating**	1-3-0
Carcinogen	No	**Specific Gravity**	0.934

Description/Special Properties

Pigmented ink that is to be used for printing on various substrates. Dot size must be greater than 500 regardless of application. It has good adhesion to a variety of substrates. Sample marking should be conducted to confirm proper adhesion and dry time requirements. Dry time varies depending on substrate and ambient conditions. Ink can be used normally to print on heated substrates up to 400°F (204.4°C). Between 400°F to 450°F (204.4°C to 232.2°C), dot size adjustments may be necessary for proper printing. This ink is not recommended to be used on substrates in excess of 450°F (232.2°C) at time of printing. Dried ink film is heat resistant up to 1202°F (650°C) and will retain color and opacity when heated and then cooled to ambient conditions. A Matthews circulating pigmented ink delivery system is required for proper operation. It is critical to follow the detailed procedures defined in the Matthews ink system instruction manual for proper maintenance and operation.

Application/Compatibility

Printhead: 8000+ (Maxi only)
Rubber Compounds: N/A

Formulations Available

Item Number	Unit of Measure
71203041	Case of 6 x 1 Liter Bottles
71203046	Swedot Case of 6 x 1 Liter Bottles
71203045	Case of 4 x 4 Liter Bottles
71203044	Case of 2 x 4 Liter Bottles
71203043	5 Gallon Pail

A Safety Data Sheet is furnished with every order.

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Matthews Marking Systems | Matthews Brand Solutions
6515 Penn Avenue | Pittsburgh, PA 15206 | USA
T: 412 665 2500 | F: 412 665 2550 | www.matthewsmarking.com