

Zodiac[™] Aquarius[™] Water-Based Digital Hybrid System

Zodiac[™] Aquarius[™] Water-Based Digital Hybrid System is developed to produce a smooth, receptive screen printed under base for digital inks. Digital hybrid ink printers can achieve brilliant color yield, high-definition prints with soft, flexible hand, and excellent wash performance.

Zodiac Aquarius Digital Hybrid White ink is used as an under base for digital hybrid printing systems on dark backgrounds.

Zodiac Aquarius Digital Matte Clear ink can be used as a tie coat to improve the definition and sharpness of a print. If additional durability is required, utilize it as a top coat to achieve a soft hand, matte finish, excellent stretch properties, and wash durability.

KEY CHARACTERISTICS

- Provides soft, flexible hand
- Receptive to digital hybrid inks
- Maintains print definition
- Matte finish
- Upholds excellent wash durability, with or without a top coat
- Aquarius Migration Stop allows printing on 100% polyester fabrics











DIGITAL EAGLE

Cure Conditions
305°F/151°C for 90s or 01:30
100% Polyester

Special thanks to Michelle Moxley,
M&R®, for this design

*** EQUIPMENT USED**





-  Flash Cure Unit
-  HotHead™ Fabric Compression System
-  DS-4000 Digital™ Squeegee® Hybrid Printing System

P	Product Used	+	Mesh	Duro	Ang	Stk	Pres	Spd	OC	Flash Temp
1	Aquarius Migration Stop		110 t/in / 43 t/cm	60/90/60	15	2	45	4	1&1	
2	**Flash**									230°F/110°C
3	M&R HotHead™									
4	Aquarius Digital White		160 t/in / 64 t/cm	60/90/60	15	2	35	4	1&1	
5	**Flash**									230°F/110°C
6	80% Aquarius Digital White 20% Aquarius Digital Matte		195 t/in / 77 t/cm	60/90/60	20	2	50	4	1&1	
7	M&R® Digital Squeegee									
8	**Flash**									230°F/110°C
9	Aquarius Digital Matte Clear		280 t/in / 110 t/cm	60/90/60	15	2	35	4	1&1	



SEASONS CHANGE: FALL

Cure Conditions
320°F/160°C for 120s or 02:00
100% Cotton

P	Product Used	+	Mesh	Duro	Ang	Stk	Pres	Spd	OC	Flash Temp
1	Aquarius Digital White		160 t/in / 64 t/cm	60/90/60	15	2	35	4	1&2	
2	**Flash**									230°F/110°C
3	M&R HotHead™									
4	80% Aquarius Digital White 20% Aquarius Digital Matte		195 t/in / 77 t/cm	60/90/60	15	2	30	4	1&2	
5	M&R® Digital Squeegee									
6	**Flash**									230°F/110°C
7	Aquarius Digital Matte Clear		280 t/in / 110 t/cm	60/90/60	15	2	35	4	1&2	

www.zodiacinks.com



Copyright © 2023, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.