

RECOMMENDED PARAMETERS

Fabric Types



Cotton, Cotton/Poly blends, Poly (Use MagnaPrint Migration Blocker Black on Polyester containing fabrics)

Mesh



Count: 158 Regular Mesh / 198H or 200T Thin Mesh
Tension: 22 Newtons or higher

Squeegee



Durometer: 60/90/60
Profile: Square / Sharp
Stroke: Double
Angle: 15-20

Stencil



WR emulsion
Off Contact: 1/32" with a peel from front to back
Emulsion Over Mesh: 18% to 20%

Flash & Cure



Flash: 230°F (110°C)
Cure: 320-330°F (160-165°C) for 90 seconds

Pigment Loading



N/A

MAGNA™ Additives



Retarder if applicable (under 30% humidity)

Storage



Store properly closed in a cool place:
>5°C (40°F) <25°C (77°F)

Clean Up



Wash off screen using water and mild detergent




Health & Safety








SDS available upon request

MagnaPrint™ Hybrid Fusion Vibrant White is a flexible, soft, high-opacity, water-based ink for use as a base with your hybrid digital printing system. This screen printing ink delivers impeccable detail, vibrancy, and strong wash fastness without needing a topcoat or additives.



HIGHLIGHTS

-  Ideal vibrancy
-  Soft hand feel
-  Strong wash fastness


PRINTING TIPS

-  Works best with solid area Tie-Coat image area (use spot black when needed)
-  Use Magna Aquaflex V2 as an underbase white
-  For best results, do not flash between Tie-Coat & Digital print heads
-  Pre-heat & maintain pallet temperature at 135-145°F (57-63°C)
-  Please pair with Avient colour profile output and linearization

COMPLIANCE

-  ZDHC Conformance Level 3 and OEKO-TEX® by ECO PASSPORT certified
-  GOTS Approved Input

PRECAUTIONS

-  The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications



AVIENT
SPECIALTY
INKS

V1.47 (Modified: 09/06/2024)