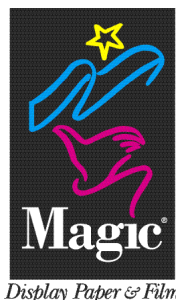


MAGIC® APPLICATIONS GUIDE

DMPC17

INK JET POLYESTER CLOTH



MAGIC® DMPC17 is a 13 mil semi-sheer polyester knit fabric with a silk-like feel after the 4 mil paper backing sheet is removed. This fabric is ideal for producing colorful printed strike-off samples that may be used to create textile proofs and novelty short term promotional garments. The fabric's drapeable characteristics also make the product suitable for flags, banners, displays, window decorations, and partitions. DMPC17 has a water-resistant coating and is designed for universal printer compatibility.

PHYSICAL PROPERTIES

Total Caliper:	17 mil (433 microns)
Fabric Thickness:	13 mil (331 microns)
Back-sheet Thickness:	4 mil (102 microns)
Basis Weight:	190 g/m ² (5.6 oz/yd ²)
Fabric Shrinkage (after dry cleaning):	4% MD & 1% CD
Fabric Shrinkage (after hand washing):	2% MD & 2% CD
Fabric Shrinkage (after removal of backing):	4% MD & 1% CD
Tensile Strength:	36 Lbs./MD & 8 Lbs./CD

DURABILITY PROPERTIES

Flammability: Not ASTM Rated – Not Flame Retardant; Flash Point (°F): 716

Lightfastness:

- Pigmented inks exhibit excellent lightfastness qualities in 1 year tests.*
- Dye-based inks fade noticeably in 30 days under direct sunlight exposure.*

*Accelerated Aging Atlas Weatherometer (ASTM G26)

Washability: Pigmented inks recommended for best waterfastness and washability. Hand wash separately with a mild detergent. Line dry. Due to the waterfast coating, washing or dry cleaning will not remove food or other types of stains. If needed, press on polyester heat setting using a press cloth between the heat source and the fabric.

PRINTING GUIDELINES

Printing: Product is wound image side out.

Compatibility: DMPC17 can be used on most thermal ink jet printers equipped with either dye-based or pigmented inks. It can also be used on water-based piezo printing systems with dye-based inks (Epson 7000/9000/10000).

	Water-based Piezo	HP650 / 750	HP2000/3000/5000 Series Dye/Pigment	ENCAD NovaJet GS Dye / GO Pigment
DMPC17	•	• •	• •	• •
Ink Acceptance Level	*300%	*300% *300%	*300% *300%	*200% *200%

* For close viewing ** Other printers may be compatible. Test ongoing.

Cutting: When printing on the HP2000/3000/5000, the media can be manually cut with the printer's cutter. The automatic cutter should be turned off in the printer set-up.

Environment: Product best if imaged at temperatures between 50 and 80°F, relative humidity between 20% and 60%.

Material Storage: After printing, material should be stored flat, at 70° F and 20-60% relative humidity. High heat and high humidity will yellow the material.

Surface Protection: Liquid laminates and oversprays can be used to add surface durability. Always pretest prior to using.

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