

Product Reference Sheet

Neschen[®] Pure Color[™] Media



Apollo Flag[™]

Description

Apollo Flag[™] is a lightweight 3.2 oz/yd² polyester flag that is perfect for use with any flag system, plus it features a paper backing that allows it to be printed without the use of a mesh printing kit. For bright colors with great bleed through, this is the product of choice. Apollo Flag[™] makes dramatic messaging for indoor and outdoor applications easy. It is designed for use with most solvent, eco solvent, latex and UV printers in the market.

Properties at a Glance

- Weight – 3.24 oz/yd² (110 g/m²)
- Gloss Level – matte
- Thickness – 11 mil (280 μ)
- Thread – 100% polyester
- Weave – light knit
- Outdoor durability – 6 months

Applications

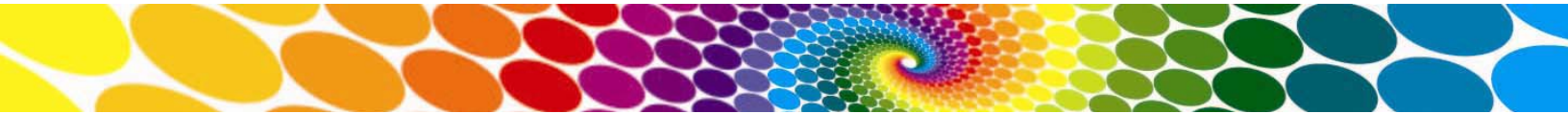
- Flags
- Window draperies
- Indoor and outdoor banner displays
- Retail signage and POP displays

Printer Compatibility

- Roland – excellent compatibility with solvent & eco solvent printers.
- HP – excellent compatibility with solvent, eco solvent and latex printers.
- Mimaki – excellent compatibility with solvent & eco solvent printers.
- Mutoh – excellent compatibility with solvent & eco solvent printers.
- UV cure printers - compatibility with roll-roll and hybrid printers. Paper backer allows media to be used with most flat bed printers.

Printer Setting Suggestions

- Pre, platen and post heat: Use mid range setting (max of 35°C) to ensure easy removal of paper backer.
- Use 720 x 720 dpi for best results.
- Use a cast vinyl profile and high quality setting as a starting point.
- For better bleed through on graphics without much detail, use double strike mode.
- For best color matching results create a profile – see www.neschenbrands.com for available profiles.
- For UV printing use low energy cure setting to prevent media curl.
- Outdoor use is not recommended with UV inks.



Apollo Flag™

Features-Advantages-Benefits

Features	Advantages	Benefits
High performance coating	Gives great bleed through	Better color visible on reverse side
Paper backer	Paper backer absorbs ink that passes through media	Allows for printing without needing a mesh kit
Light weight	Lighter than other types of polyester textiles and media	Easier to install, less expensive to ship

Finishing Recommendations

- Cutting – product can be cut with fabric scissors and will not fray, but for best results use a heat knife and blade (Neschen item # 600HSG0 & 600H205) on glass or other heat resistant surface with a metal ruler to seal the edges.
- Sewing – use polyester thread to prevent material puckering.
- Hemming Tape – banner tape can be used in place of stitching. Check for adhesive compatibility with fabric as some adhesives do not stick well to fabric.
- Cleaning – if graphic becomes soiled, use a lint-free, clean cloth with warm soapy water and gently rub the affected areas. Do not immerse in water or use cleaning products as these can damage the graphic. Test all cleaning procedures on a small inconspicuous area (or on a previously printed test print) so that it does not affect the graphic. Rubbing wet ink may cause smudging.
- Wrinkle Removal – the best way to eliminate any wrinkles that form during transport or storage of the graphic is with a handheld steamer. Use the setting recommended for polyester fabrics and apply the steam to the back side of the graphic.
- Outdoor displays - secure graphic to prevent wind damage.

Storage Conditions

- Store unused media in the plastic over wrap to protect it from humidity changes and contaminants. Store media on an even flat surface to prevent dents that may affect imaging performance. Media may also be stored standing on end or on a media caddy.
- 60° to 80°F and 40 to 65% RH
 - Product should be used within one year when stored at above conditions.

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