# hp polypropylene

## speciality printing materials

## hp designjet 5000, cp, 1000, 800 & 500, series printers

HP Polypropylene is a 180 microns, matte polypropylene-film with a water-resistant coating. This media is ideal for indoor and outdoor applications, thanks to a special ink-receptive coating that makes the media water-resistant while still allowing it to produce brilliant colours and edge definition.

### benefits

- High colour brilliance and edge definition with both dye and uv inks
- Images printed using dye inks are brilliant and well saturated
- Water-resistant without lamination when printed with uv inks
- Very fast drying and excellent handling characteristics
- Designed for use with uv or dye inks

### applications

- Excellent for outdoor applications (when printed with uv inks)
- Full colour photographic printing (when printed with dye inks)
- Weather resistant signs for outdoor advertising
- Highly durable architectural drawings, maps, etc.
- Perfectly suited as banner material

### product specification

| | |
|---|---|
| weight | 130 g/m2 |
| thickness | 190 microns |
| whiteness | > 80 (WCIE D65/2°) |
| opacity | > 93% DIN 53146 |
| country of origin | Switzerland |

### environmental specification

| | |
|---|---|
| operating temperature | 23° |
| operating humidity | 50% |
| lightfastness (indoor) | 3 to 6 months (dye) |
| lightfastness (outdoor) | > 1 month (uv) |
| waterfastness - drip test | yes with uv ink |
| waterfastness - wet rub off | yes with uv inks after 24 hours |
| dry time | instant |
| shelf life | 2 years |

### mounting and finishing

| | |
|---|---|
| lamination | liquid lamination |

### compatibility guide

| hp designjet printer | ink supplies | front panel media selection |
|---|---|---|
| hp designjet 5000/5000ps | hp no. 81 dye/83 uv ink supplies | Polypropylene* |
| hp designjet 3800cp/3500cp/3000cp | hp designjet cp ink systems dye/uv | High-Gloss Photo (dye) HW coated paper (uv inks) |
| hp designjet 2800cp/2500cp/2000cp | hp designjet cp ink systems dye/uv | High-Gloss Photo (dye) HW coated paper (uv inks) |
| hp designjet 1000cm | hp no. 80 ink supplies | High-Gloss Photo |
| hp designjet 800/800ps | hp no. 10, 11 & 82 ink supplies | High-Gloss Photo |
| hp designjet 500/500ps | hp no. 10, 11 & 82 ink supplies | High-Gloss Photo |
| Encad NovaJet Pro 600e | GS+ and GO inks | Backlit Film |
| Epson 9000 | | Photo Quality Inkjet Paper |
| Epson 9500 | | Double weight Matte Paper |

Ink limit 210% (individual results may vary due to printer type, shop conditions and image).

*Download the Media profiles from www.designjet.hp.com (click on technical support, select printer and click on icc/media profiles). If Internet access is not available, use HW Coated Paper setting for UV inks or Photo Imaging Gloss for dye inks.

### ordering information

| product number | roll size | UPC code |
|---|---|---|
| hp q1903a | 914 mm x 23 m | 0 88698-41922 9 |
| hp q1904a | 1067 mm x 23 m | 0 88698-41923 6 |
| hp q1906a | 1372 mm x 23 m | 0 88698-41924 3 |
| hp q1707a | 1524 mm x 23 m | 0 88698-41925 0 |

### warranty

HP papers and films are guaranteed against manufacturing flaws and defects and are designed to resist printer jams when used properly. If the user is unsatisfied with their Designjet media for any reason, they should contact their HP reseller or dealer.