



**hp durable image  
gloss** 

**premium  
printing  
material**

**hp designjet  
5000 & cp  
series printers**

HP Durable Image Gloss  is a durable photobase that creates brilliant, photo-quality images that are smear- and moisture-resistant with superior indoor and outdoor fade resistance.

| target customer                                 | application                                                                                                                                                                                                                                                                                                                          | user needs                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| professional PSPs and high-end retail customers | <ul style="list-style-type: none"> <li>indoor signage, banners, and danglers</li> <li>indoor posters</li> <li>outdoor signage with lamination</li> <li>window signage and danglers</li> <li>digital photography</li> <li>fine arts</li> <li>movie posters</li> <li>decor and other applications requiring fade-resistance</li> </ul> | <ul style="list-style-type: none"> <li>create brilliant, fade-resistant photo indoor or outdoor signage, fast and affordably</li> <li>create fade-resistant, moisture-resistant digital photos, posters</li> <li>create production environment in which faster dry time and easy lamination are enhanced</li> </ul> |

| features                           | benefits                                                                                                                                                                                                                                                      |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| photo quality output               | <ul style="list-style-type: none"> <li>no need to accept less than photographic image quality when a durable solution is required</li> </ul>                                                                                                                  |
| fade-resistant                     | <ul style="list-style-type: none"> <li>200 years of indoor fade-resistance according to Wilhelm testing standards; 2+ years outdoors, when laminated</li> </ul>                                                                                               |
| photo-quality                      | <ul style="list-style-type: none"> <li>high image quality</li> </ul>                                                                                                                                                                                          |
| durability                         | <ul style="list-style-type: none"> <li>system designed to ensure highest image quality</li> <li>smear and fade-resistant without lamination</li> <li>moisture resistant without lamination</li> </ul>                                                         |
| productivity                       | <ul style="list-style-type: none"> <li>superior dry time</li> <li>print modes specially designed to ensure optimal productivity without compromising image quality</li> <li>high speed printing on <b>hp</b> designjet 5000/5000ps series printers</li> </ul> |
| meets post-processing requirements | <ul style="list-style-type: none"> <li>moisture- and smear-resistant</li> <li>easy to laminate</li> <li>inexpensive to laminate</li> </ul>                                                                                                                    |

#### product specifications

|                    |                                  |
|--------------------|----------------------------------|
| weight             | 200 g/m <sup>2</sup>             |
| thickness/calliper | 7.9 mil                          |
| smoothness         | 10 (per TAPPI T-538 test method) |
| whiteness          | 94 (per CIE Ganz 82 test method) |
| brightness         | 94 (per TAPPI T-452 test method) |
| opacity            | 94 (per TAPPI T-425 test method) |
| gloss level        | 45% (at 75°)                     |
| country of origin  | Japan                            |

#### environmental specifications (based on **hp** no. 83 ink supplies)

|                       |                                                                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| operating temperature | 15° - 30°C                                                                                                                                                                                                                     |
| operating humidity    | 20 - 70% RH                                                                                                                                                                                                                    |
| lightfastness         | hp durable image gloss  is at 200 years of indoor fade-resistance according to Wilhelm testing standards; 2+ years outdoors, when laminated |
| waterfastness         | Delta OD < 1.0                                                                                                                                                                                                                 |
| dry time              | 2 minutes                                                                                                                                                                                                                      |
| shelf life            | 2 years                                                                                                                                                                                                                        |

#### mounting and finishing

|            |     |
|------------|-----|
| lamination | yes |
| mounting   | yes |

#### compatibility guide

| supported printers                | supported ink system/cartridge                                                                                   | front panel media selection |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------|
| hp designjet 5000/5000ps          | hp no. 83  ink supplies       | Durable Imaging Gloss UV    |
| hp designjet 3800cp/3500cp/3000cp | hp designjet cp ink system  | UV Custom A                 |
| hp designjet 2800cp/2500cp/2000cp | hp designjet cp ink system  | UV Custom A                 |

#### ordering information

| product number | size           | UPC code        |
|----------------|----------------|-----------------|
| hp c6794a      | 914 mm x 22 m  | 0 88698 52321 6 |
| hp c6795a      | 1372 mm x 27 m | 0 88698 52322 3 |
| hp c6796a      | 1524 mm x 27 m | 0 88698 52323 0 |