

# ClingZ® for HP Indigo

## FAQ's, Design Guide and Product Data

ClingZ® for HP Indigo is an electrically charged, printable polypropylene film for use in temporary cling or signage applications. It is compatible with the HP Indigo 5000, 7000 and 10000 series digital color presses. The following information is offered to preserve the static charge in the ClingZ® film and to maximize its performance on a surface. Please note it is not currently compatible with other digital equipment.

### Frequently Asked Questions

#### ***How long will ClingZ® for HP Indigo stay on a surface once it has been applied?***

It depends on the texture of the surface, but an average time frame is up to 3 months. The smoother the surface the longer it will cling.

#### ***Is ClingZ® repositionable? How often can it be moved?***

Yes, ClingZ® is repositionable. The fewer times it is moved the longer it stays on a surface.

#### ***What is the shelf life of printed ClingZ®?***

One year if it is wrapped and stored in a clean dry location.

#### ***What surfaces does ClingZ® adhere to? Which are best?***

ClingZ® will adhere to clean dry indoor surfaces (except cloth) on either the printed or unprinted side. Try it on glass, metal, wood, wallboard, brick, plastic, marble or stucco. The smoother the surface the longer it will cling. Avoid drafty locations (near windows, doors, air conditioning vents or fans) and freshly painted walls to maximize cling time.

#### ***Can ClingZ® be inserted into envelopes, or tipped into magazines?***

Yes. Contact ClingZ, Inc. or your distributor for more information.

#### ***Does direct sunlight or humidity affect ClingZ®?***

Direct sunlight will not fade or yellow the Indigo coated film. Normal indoor humidity has no effect on the film or liner.

#### ***In what thickness and size is ClingZ® available?***

ClingZ® for HP Indigo is available in 2.3 mil white and 2.0 mil clear sheets with a full contact 10pt C1S paper liner. It is available in 12"x18", 13"x19", 20.5"x29.5" or an International size of 320mmx460mm sheets. The total sheet thickness for white is 12.3mil and clear is 12.0 mil.

#### ***Is ClingZ® for HP Indigo dry erasable?***

Due to the Indigo top coating, ClingZ® for HP Indigo is not dry erasable. All other ClingZ products are.

#### ***Can you put a UV coating on ClingZ®?***

No. A UV coating is not recommended as it will reduce the charge and curl the film.

#### ***Are there imperfections in the film as a result of the charging process?***

Yes. The appearance of lightning bolts is inherent in ClingZ® as a result of the charging process, with an incidence of 3%-5% overall. Indigo inks will not print over them.

#### ***Can ClingZ® be kiss-cut or die-cut?***

Yes. ClingZ® can be perfed, die-cut, kiss cut, scored and folded.

#### ***Is ClingZ® environmentally friendly?***

Yes. The ClingZ® film is a #5 recyclable polypropylene film and the 10pt liner can be recycled with standard paper.

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### Design Guidelines

#### **ClingZ® Printers**

Use a printer experienced with printing on **ClingZ®**. A list of qualified printers can be found at [www.clingz.com](http://www.clingz.com). Consult your printer for any additional design recommendations they may have.

**RIT Certified** - ClingZ for HP Indigo is RIT certified with a 3 star rating. It has superior print quality and excellent ink adhesion. The liner is also printable.

#### **Sizes**

**ClingZ®** is available in 2.3 mil white or 2.0 mil clear film. Standard sheet sizes are 12"x18", 13"x19", 20.5"x29.5" or 320mmx460mm.

**ClingZ®** can be tiled to create larger images. Minimum finished size should be at least 3"x5".

#### **Inks**

Design for as little ink usage as possible. Avoid designs that leave heavy deposits of ink near the edge of the piece to prevent the film from curling. If designing a piece to cling print side to glass, it is recommended that the design include a 1" unprinted border to maximize cling time. If designing for Clear ClingZ and white ink is required, a maximum of two hits is recommended. Exceeding 2 hits could cause film swelling. ClingZ, Inc. does not recommend the use of UV coating. They will reduce the charge, curl the film, and void all product warranties.

#### **Printing**

**ClingZ®** for HP Indigo is a polypropylene film with a full contact liner and is Indigo printable. Clear ClingZ can be printed reverse or right reading for window applications. The liner is one color printable.

#### **Finishing**

**ClingZ®** can be die-cut or kiss-cut. Avoid long thin pieces and sharp die cut angles. **ClingZ®** can also be perforated, scored and folded. The full contact liner allows for machine inserting for direct mail applications or inserts. If mailing, inserting into an envelope is recommended. Review any special finishing processes with your printer or post-press vendor.

These guidelines for designing on **ClingZ®** are collected from users of **ClingZ®** products and are intended to help designers maximize the creativity, performance and printability of the material.

### Technical Data

Property	Units	White 10pt liner	Clear 10pt liner
Film Thickness	mil/micron	2.3/58	2.0/50
Film Yield	in <sup>2</sup> /lb m <sup>2</sup> /kg	12,200 17.4	15,450 22.0
Film Unit Weight	g/m <sup>2</sup>	56.8	45.5
Wetting Tension	Dynes/cm	>38	>38
Backer Thickness	mil/micron	10.0/250	10.0/250
Total Thickness	mil/micron	12.3/308	12.0/300

ClingZ, Inc. aims to ensure the accuracy and relevance of the information given on the use and application of its products, however it cannot guarantee the data, some of which is based on outside sources. We suggest that the purchaser confirm product compatibility prior to use of the product.