ClingZ® Standard Offset

ClingZ® Standard Offset is an electrically charged, printable polypropylene film for use in temporary cling or signage applications. It is compatible with Conventional and UV Offset presses. The following information is offered to preserve the static charge in the ClingZ® film and to maximize its performance on a surface.

Frequently Asked Questions

How long will ClingZ® 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 6 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®?
ClingZ recommended inks are fade resistant. Normal indoor humidity has no effect on the film or liner.

What thickness and size is ClingZ® available in?
ClingZ® is available in 2.0 mil white and clear sheets with a tipped on 10pt C1S paper backer. It's available in 19"x25", 23"x35", or 28"x40" sheets (custom sizes can be ordered). The total sheet thickness is 12 mil.

Can you UV print on ClingZ®?
Yes. Please consult the **ClingZ®** Standard Offset print Guidelines for more information.

Is ClingZ® dry erasable?
Yes, in unprinted areas of the film.

Can you put a UV or Aqueous coating on ClingZ®?
No. Coatings are not recommended as they 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. Conventional inks will print over them, UV inks will not.

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 paper backer can be recycled with any standard paper, it does not contain adhesives.

Design Guidelines

ClingZ® Certified Printers
Use a printer experienced with printing on **ClingZ®**. A list of qualified printers can be found at www.clingz.com. Consult your printer for any additional design recommendations they may have.

Sizes
ClingZ® is available in 2.0 mil white or clear film. Standard sheet sizes are 19"x25", 23"x35", 28"x40". Custom sheets can also be manufactured. **ClingZ®** can be tiled to create very large images. Minimum finished size should be at least 3"x5".

Inks
Design for as little ink usage as possible. Build PMS colors; process ink builds allow more charge to reach the surface than a solid PMS flood. 4-color process is also less dense and adds less weight to the piece. The **ClingZ®** film is highly reflective and does not require heavy ink coverage to achieve a quality image. Avoid designs that would 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. ClingZ, Inc. does not recommend the use of varnish or aqueous coating. Coatings will reduce the charge, curl the film, and void all product warranties.

Printing
ClingZ® is a 2 mil polypropylene film tipped onto a 10pt. paper backer, and is offset printable. The **ClingZ®** material itself cannot be printed on both sides; however, the liner can be printed on the backside. Clear **ClingZ®** can be printed reverse or right reading for window applications. To enhance the color of an image on clear, an opaque white can be printed before a pass of 4 color process, or add the white last if reverse printing. **ClingZ®** cannot be Screen printed, the ink weight is too heavy for the static charge to support on a surface. ClingZ, Inc. will not accept any claims, or warranty material, for any Screen printed sheets.

Finishing
ClingZ® can be die-cut or kiss-cut to create unique images; avoid long thin pieces. **ClingZ®** can also be perforated, scored and folded. 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	2.0/50	2.0/50
Film Yield	in2/lb m2/kg	16,645 23.7	15,450 22.0
Film Unit Weight	g/m2	42.3	45.5
Wetting Tension	Dynes/cm	>38	>38
Backer Thickness	mil/micron	10.0/250	10.0/250
Total Thickness	mil/micron	12.0/300	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.