



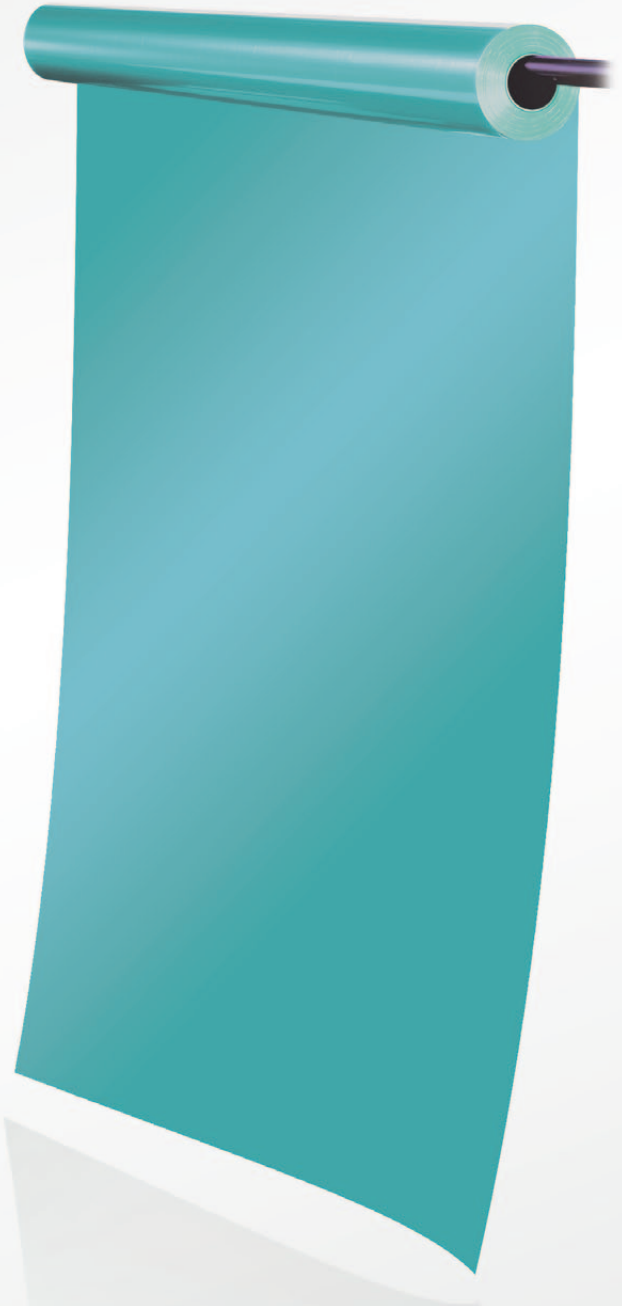
PHOTO RESIST



PHOTO RESIST

**IKONICS Imaging®**, world-leading innovators of self-adhesive photo resist film, presents: **R3™ & R5™ Photo Resist Films.**

R3 (3mil) & R5 (5mil) photo resist films make decorative sandcarving simple, productive and enjoyable. R3 & R5 are engineered for professional sandcarving applications in which quick processing and high production are critical. R3 & R5 promote efficient mask production by eliminating the time consuming and messy application of adhesive.



**IKONICS IMAGING®**  
PHOTOBRASIVE SYSTEMS

IKONICS Imaging, 4832 Grand Ave., Duluth, MN 55807, USA  
**Phone** (218) 628-2002 **Toll Free** (800) 643-1037 **Fax** (218) 628-2064  
**E-mail** [info@ikonicsimaging.com](mailto:info@ikonicsimaging.com) **Web** [www.ikonicsimaging.com](http://www.ikonicsimaging.com)

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## R3 & R5 Photo Resist, Premium Self-Adhesive Films

R3 & R5 have an inherent adhesive that does not activate until the films are washed out. Even when the adhesive is active, R3 & R5 films do not feel “sticky.” This quality makes these films repositionable until firmly applied to a substrate. The R3 formulation allows the achievement of line resolution needed for fine detailed sandcarving masks. R5 is constructed with excellent durability allowing deeper carving. Remove R3 & R5 with water, or by simply peeling it off the substrate.

**How it works:** Begin by printing a positive image of your artwork. AccuArt™ Water Resistant Inkjet products are recommended for best results. Next, using UV light, expose your artwork to the R3 or R5 Photo Resist Film. When exposure is complete, develop with pressurized water. Once dry, apply the self-adhesive side of the film to your substrate. After removing the shiny carrier sheet, you are ready to sandcarve.

For convenient storage, apply processed and dried R3 or R5 Photo Resist Film to Silicon Release paper.

**Art Specifications:** **Size**  
Typically, artwork should not exceed photo resist sheet or roll size.

***Minimum Line Resolution (based on use of a genuine film positive and a high pressure washing system).***

- 3 mil film: (requires minimum 180 grit and positive film density of 3.0)
- 5 mil film: (requires minimum 180 grit and positive film density of 3.0)

### **Blast Depth**

- 3 mil (101.6 microns)—frost to approximately 1/16”
- 5 mil (125 microns)—frost to approximately 1/4”



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