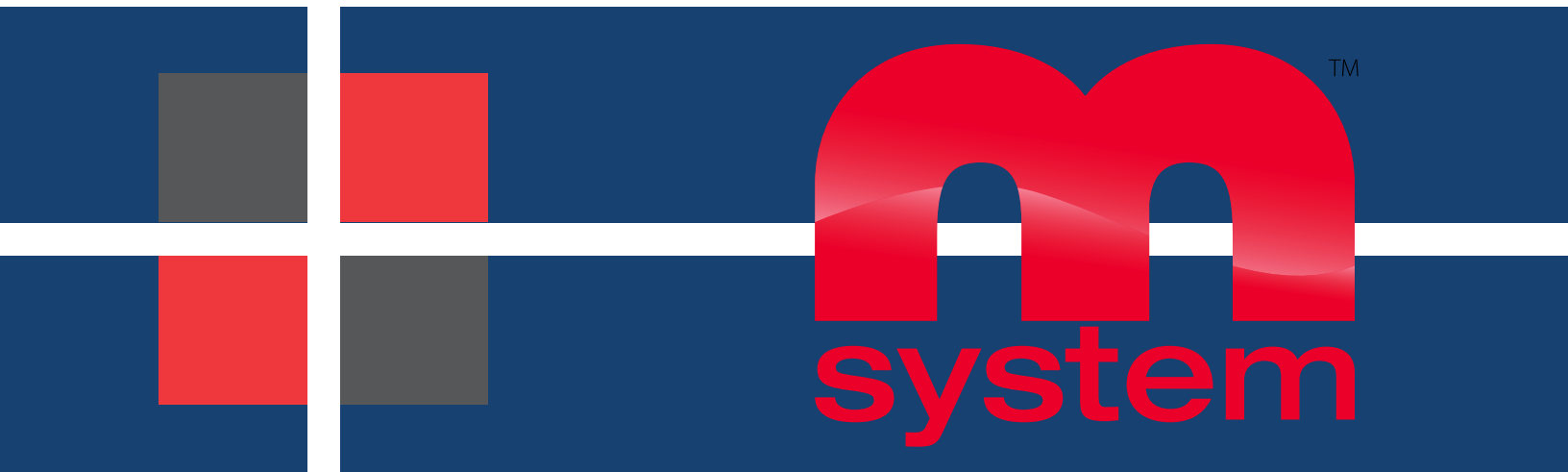


# FC-55HR-R

## Photopolymer Capping Resin



### Liquid Capping Technology to Dramatically Improve your Print Quality

MacDermid FC 55HR-R liquid photopolymer is a 55 durometer (Shore A) cap resin. It is used in conjunction with either a softer or harder base resin to produce capped printing plates for high-quality and process color printing. FC 55HR-R has a modified photospeed that actually pinches highlight dot size and keeps reverses more open from negative to plate, thereby broadening overall tone range capability. Its high resilience improves ink transfer. FC 55HR-R is designed for use with MacDermid base resins and is dyed red to improve plate contrast.

### TECHNICAL SPECIFICATIONS

MacDermid FC-55HR-R is packaged in 5 gallon (40 lbs., 18 kg., net wt.) containers.

#### Performance Specifications

Cap thickness: 0.004 - 0.007 in.  
Tone range reproduction: 2 - 95%  
Line screen max: 150 lpi

#### Physical Properties

Hardness (Shore A): 55  
Appearance: Red  
Cloud Point: 41°F (5°C)  
Freezing Point: < 32°F (0°C)  
Temp to Thaw: 68°F (20°C)

Washout Chemistry: M Clean Detergent

### SEGMENTS/APPLICATIONS

Flexible Packaging		Folding Carton	
Corrugated		Tags & Labels	
Sacks, Paper, Multiwall			

### STORAGE HANDLING

Liquid photopolymer resins should be stored below 95° F (35° C), out of direct sunlight. Special lighting is not required in the platemaking area. Resin should be allowed to equilibrate to platemaking room temperature prior to use.

### PRODUCT SAFETY

As with any platemaking product, read and understand the Safety Data Sheet (SDS) before using this product. Good industrial hygiene and safe handling practices are advised when handling this product.

### KEY FEATURES

- Improved tonal range
- Shaper text and fine lines



FOR MORE INFORMATION, PLEASE CONTACT:  
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