



### Quick Links

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### The MG Chemicals Prototyping Process

This product is a part of the MG Chemicals Prototyping Process. The following materials are required for the entire process:

- ▶ [Transparency Paper](#)
- ▶ [Copper Clad Boards](#)
- ▶ [Exposure Kit](#)
- ▶ [Photofabrication Kit](#)
- ▶ [Etching Process Kit](#)
- ▶ **One of our etchants:**
  - [Ferric Chloride](#)
  - [Sodium Persulphate](#)
  - [Ammonium Persulphate](#)



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## Dry Film Resist – Negative

### 416DFR NEW

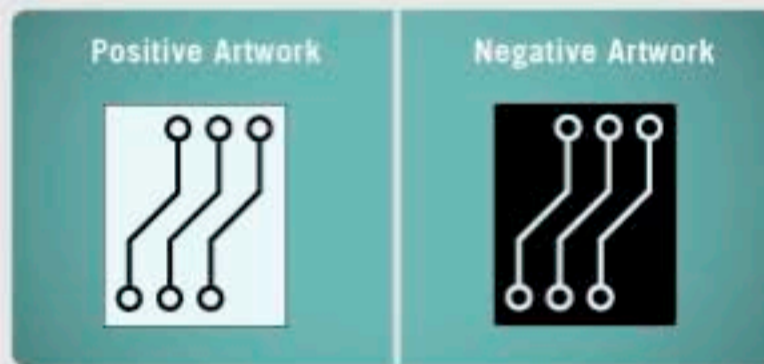
You can now create professional looking boards quickly and easily by using M.G. Chemicals' Dry Film Resist (Negative). This negative film is a photosensitizing material that can easily be applied onto plain copper boards by using a standard laminator. Once applied, you are ready for exposing, developing, and etching.

\*[Negative Developer](#) required

#### General Features:

- High resolution
- Scum free at development
- Excellent adhesion

#### Difference between positive and the negative presensitized boards?



#### Positive Resist

With the Positive resist, everything exposed to the light will wash off during the developing process.

#### Negative Resist

With the Negative resist, everything exposed to the light will remain during the developing process.

For that reason, the schematic printed onto the transparency for the negative process is reversed compared to that of the positive print out. (See diagram above)

### Specifications

Property	
Unexposed color	Green
Exposed color	Blue
Nominal thickness	1.5 – 2.0 Mil 38 – 50 µm

### Available Sizes

Catalog Number	Sizes Available	Description
416DFR-5	5 feet x 12 inches	Dry Film

### Prototyping

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- [Etching Process Kits](#)
- [Positive Developer](#)
- [Negative Developer](#)
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- [Nickel Print](#)
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### ALL MG PRODUCTS ▾

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