

RESPONSE®



Mactac® Medical introduces new line of products utilizing our Response adhesive systems which have been specifically formulated for use in In-Vitro diagnostic devices.

Applications

- Lateral Flow
- Titer Plate Covers
- Urinalysis Sticks
- Micro Fluidic
- Micro Array
- PCR, ELISA

Features

- Inert
- Non-Outgassing
- Non-Fluorescing
- Wide Temperature Range
- Ultra Clean
- Non-Migratory
- Precise Deposition Control

Utilizing the next evolution of adhesive coating technology, Response adhesives systems are designed to be 100% solids formulations. The result of this solvent free approach is a next generation line of acrylic adhesives offering the cleanest and most inert products on the market. Along with delivering industry leading low levels of out-gassing and migration, Response adhesives also offers excellent optical properties and adhesion performance typical of traditional solvent acrylics. With the economic benefits of 100% solids coating, Response adhesive products can offer all these benefits at competitive pricing. Mactac offers a wide range of standard and custom coated products including free film, single-coated and double-coated product constructions.

Product Number	Carrier	Adhesive	Coat Weight	Liner	Custom
MD2122	0.5 mil PET	Response-03	1.2/1.2 mil	(2) 2.0 mil PET	
MD1101	1.0 mil Treated PET	Response-02	2.2 mil	40# SCK	✓
MD3010	NA	Response-02	2.2 mil	72# PCK	✓
MD3020	NA	Response-02	2.2 mil	40# SCK/60# SCK	✓

Mactac can also offer custom products with various liner, face, adhesive or coat weight configurations.

Product Key (Standard roll size: 60" unless otherwise noted)
Liner
PET = Polyethylene Terephthalate
40# SCK = Bleached Super-Calendared Kraft
50# SCK = Bleached Super-Calendared Kraft
60# SCK = Bleached Super-Calendared Kraft
72# PCK = Bleached Poly-Coated Kraft



Mactac® Medical Products have been a trusted source of medical adhesive systems for more than 25 years. Our skin-friendly medical adhesives are a key component that drives the design, production, and performance of a wide variety of medical devices including : disposable electrodes, surgical drapes, wound dressings and ostomy devices. Our expertise in adhesive coating and our state-of-the-art technology expands functionality, inspires new product designs, and delivers speed to solutions — cost effectively. We offer a wide range of adhesive coated foams, films and non-wovens to fit a variety of medical device assembly applications.

- **State-of-the-art adhesive coating facilities**
- **Dedicated research and development**
- **Dedicated sales and technical support**
- **Customizable solutions**

Mactac supplies the Medical Grade (PSA) pressure-sensitive materials in rolls. These rolls are converted into unique shapes using die cutting machinery. These pieces provide and attachment to the skin for long-term wear capability and clean removability. The following are examples of a few of the applications you will find using Mactac's Medical Grade PSAs.



Electrodes



Diagnostic



Wound Dressing



Surgical Drapes