

RESPONSE[®]

DIAGNOSTIC TAPES



Mactac RESPONSE[®] Adhesive Systems for:

Lateral Flow | Micro Fluidic | Titer Plates | Micro Wells
Lab-On-A-Chip | Fluorescence | PCR

Features:

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



RESPONSE Adhesive System

Mactac has developed the next generation of diagnostic adhesives utilizing **100% solids UV curing technology**. Solvent-free coating yields no VOCs, no outgassing, no migration. The cleanest adhesive polymers possible.

RESPONSE®

DIAGNOSTIC TAPES

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	CoatWeight	Liner
MD2122	.5 mil PET	Response - 03	1.2/1.2 mil	(2) 2.0 mil PET
MD2121	.5 mil PET	Response - 03	1.2/1.2 mil	72# PCK
MD2123	.5 mil PET	Response - 03	2.4/2.4 mil	72# PCK
MD3022	NA	Response - 03	2.0 mil	72# PCK
MD3023	NA	Response - 03	3.0 mil	72# PCK
MD3024	NA	Response - 03	4.0 mil	72# PCK
MD2111	.5 mil PET	Response - 02	1.2/1.2 mil	72# PCK
MD2113	.5 mil PET	Response - 02	2.4/2.4 mil	72# PCK
MD3012	NA	Response - 02	2.0 mil	72# PCK
MD3013	NA	Response - 02	3.0 mil	72# PCK
MD3014	NA	Response - 02	4.0 mil	72# PCK

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



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.

mactac®