

APPLICATION SPOTLIGHT



Overlay Market Series: Chemical Resistant Hardcoats Save the Day

How Tekra's hardcoats protect against common chemicals...

In the conclusion of this four part series on the overlay market we will focus on the importance of chemical resistance for hardcoated films. Tekra's hardcoated films are put to the test with a variety of common household and industrial products to be sure they can withstand the harsh environments they will be exposed to.

Some of the industrial chemicals that we test all of our products with are:

- Acetone
- Concentrated HCl
- Hexane
- Isopropyl Alcohol

Tekra documents if the material passes or fails after one hour of continuous surface contact at 23°C (73°F).

Some of the common household items that we test on our films are:

- Coffee
- Formula 409
- Tide
- Downy
- Mustard
- 25% DEET
- Sunscreen

These tests are complete after 24 hours of surface contact at 50°C (122°F).

As you can see many of these products are often used when doing the laundry or cleaning appliances which is a large majority of the overlay markets end use applications. Keeping the appliances clean is a necessity for the longevity of the product and the hardcoated overlay needs to be able to withstand the years of cleaning and contact with chemicals. Tekra's hardcoated products are the perfect match for these applications!



Tekra offers a variety of materials with [polycarbonate](#) and [polyester](#) base films that will be the perfect match for your application. Call a Tekra representative today to find out more about our [hardcoated film line](#).



16700 West Lincoln Ave.
New Berlin, WI 53151

www.tekra.com

1-800-448-3572