

New Products From Tekra!

Tekra is constantly looking for and developing new products to meet our customers' unmet needs. Here are some of our newest products.

[DTF™ Melinex® TCH UV Series](#) – A line of super clear Ultra Violet (UV) stable polyester films. Produced in 2 to 5 mil, these films exhibit enhanced UV performance – ideal for outdoor labels, components in photovoltaic modules, and protective layers in flexible electronics.

[3M™ Envision™ Print Film 48C-20](#) is a white opaque, 3.3 mil non-PVC, intermediate grade graphic film designed for both inkjet and screen printing. The 5 year removable film includes 3M Comply™ technology. Application ideas include indoor/outdoor signage, indoor floor graphics, and partial vehicle wraps.

[JetView™ UV Chalkboard Film](#) is UV and Latex printable film that is vinyl-free, slate grey and child-safe. Perfect for menu boards, message signs, and child-craft areas. 6 mils thick with a textured finish and removable adhesive.

[JetView™ Latex Low Tack Window Film](#) – This window film that can be front lit, backlit, or sunlit! Latex or UV inkjet-printable polyester film. Dimensionally stable and offers quick-dry times. It's offered 6 mils thick with a semi-matte finish and removable adhesive.

[JetView™ Solvent Blockout Display Film](#) - 99% opaque with a water-resistant surface. It is durable, flexible and Solvent, Eco-Solvent, UV and Latex inkjet printable. This curl-free film is .010" with a semi-matte finish; perfect for roll-up displays, indoor banners and tradeshow displays.



Tekra's Manufacturing Investments

2016 was a year of investment and upgrades for Tekra's film [coating operations](#). At a cost of more than \$2,000,000 we designed and installed completely new curing systems on one of our two rotary coaters to improve both our capability and capacity for thermal and UV curing. The investments were targeted to support and expand our diverse custom coating services for aqueous, solvent, and UV systems.



Tekra has expertise in gravure, slot die coating, and laminating of plastic films from 0.75 mils to 30 mils in thickness and up to 60 inches in width. We coat such materials as [Polyester](#), [Polycarbonate](#), polypropylene, urethane, PMMA, and PVC ([Rigid Vinyl](#)) with coating deposition ranging from 1 to 50 microns. We have developed and have experience with chemistries for conductive, anti-stat, print receptive, scratch resistant, and anti-reflective to name just a few. Our typical project requires production of materials that meet both functional and optical/aesthetic specifications.

Tekra has been a coater for more than 30 years and has supported projects in the [graphics](#), lighting, [automotive](#), [in-mold](#), alternative energies, [display](#), and [electronics](#) markets. That breadth of experience has shaped Tekra's service oriented approach to product development leveraging both our knowledge of plastic films within industrial processes and our chemical expertise to ensure successful

WE DESIGNED AND INSTALLED COMPLETELY NEW CURING SYSTEMS

outcomes. Our stage gate process can quickly take a project from concept to full production using either film and chemistry construction of Tekra's design or using customer provided materials. With a philosophy of open collaboration, Tekra's New Product Team of chemists and engineers assists our clients at every step of the [product development cycle](#) from lab bench through pilot and full scale production.

Feedback from our customers says we are easy to engage, flexible in our approach, with reasonable costs, and minimum project requirements. If you are looking for a manufacturing partner or just have an unmet need for a plastic film application, please contact Tekra to see if we can help.

Static Cling vs. Low Tack Adhesive for Window Clings

When choosing a temporary vinyl decal the market offers two main options: [static cling](#) or low tack removable adhesive. The main difference between them is the way in which they stick to the surface. Static cling works due to highly-plasticized vinyl. When pressed onto a surface, it reacts like a mini-suction cup to 'like surfaces'. Low tack adhesive uses pressure sensitive adhesive to bond with the surface. The benefits of one over the other is application specific. Here are the main differences that may help when making your next selection.



With static cling, the material is reusable if cleaned and maintained properly, however if there is any contaminant, such as oils from handling, on the material or the surface, the material will not adhere properly. Low tack adhesive will likely stick if it has had some minor handling, however, it is not reusable or cleanable. Static cling does not perform well in cold or damp environments, therefore a car windshield or freezer door's climates may cause the material to lose grip and droop. A low tack adhesive is more likely to remain in place. Static cling does not stick to itself, and does not require tools or chemicals to be applied or removed. Low tack adhesive can stick to itself, making it a bit more difficult to work with and can risk leaving an adhesive residue behind, but it will stick to a wider variety of substrates.

These are just a few of the pros and cons. For the full list of the differences between the two materials, please visit [Tekra's Tek Tip](#) on our website

Tekra to Attend Dscoop Phoenix

Tekra will be showcasing their [digital films](#) at the Dscoop Conference in Phoenix, Arizona March 1-4th, 2017. They have been a proud participant of Dscoop since it's inauguration in 2006 as an HP preferred partner. Tekra has consistently found attending the Dscoop Conference to be extremely beneficial, as well as, any of the customers that operate HP Indigo or inkjet presses. This tailored information to these specific press types allows everyone involved to learn and further develop their craft.

Tekra works closely with HP when developing new coatings and substrates for the market and this year we are excited to be featuring both the [Dura-Go](#)® line and [JetView](#)™ lines of film. These brands encompass all of Tekra's Indigo and Inkjet printable substrates. Within these lines Tekra will be officially launching some new digital substrates that will help their customers differentiate themselves from other printers. With a

variety of stocked sizes, customizable materials, and quality coatings, Tekra is here to help grow your customer's portfolio in meaningful ways. Tekra takes pride in having nearly 20 years of experience in the digital market space and the ability to be a resource for you.

Tekra will have printed samples of several of their films available and the digital team will be there to answer your questions. Come visit it Tekra at Booth #707. To register for Dscoop Phoenix, visit www.dscoopphoenix.org. If you are unable to attend this year's show, follow Tekra on our social media sites for live updates and new product information.



Tekra Will be Exhibiting at the 2017 ISA Sign Expo

Tekra is proud to announce that for the first time ever, we will be exhibiting at the International Sign Expo in 2017. The 2017 show is April 20th through 22nd at Mandalay Bay Convention Center in Las Vegas, Nevada.

The ISA Sign Expo is the largest trade show for sign and graphics professionals. In recent years, the show has been trending towards wide format digital printing. Wide format printing equipment manufacturers such as HP, Mimaki, EFI, Roland DGA Corporation, and Mutoh America are all exhibiting their press platforms at this show. With Tekra's extensive line of films and pressure sensitive adhesives for wide format inkjet printing, it was only natural for Tekra to exhibit too.

At Tekra's booth #600, all of our [JetView](#)™ lines for [Latex Inkjet](#), [Solvent Inkjet](#), and [UV Inkjet](#) will be represented including both our legacy polyester and polycarbonate films and some new additions to the JetView™ line of films. Tekra will also be highlighting [3M](#)™ Commercial Solutions pressure sensitive films that are commonly used in these markets.

Visit www.signexpo.org to register for the show and make sure to visit Tekra's sales and market development teams at the show. They would love to help you find digital film and adhesive solutions.

