TEKRA A DIVISION OF EIS, INC.

TEKRA NEWS

Volume 6, Number 4 – August 2016

Tekra Showing at SGIA in Las Vegas Sep. 14-16

Tekra, A Division of EIS, Inc. will be exhibiting at the SGIA Expo in Las Vegas, NV September 14-16 at booth #334. Tekra will have several product managers and sales representatives in attendance to help with your plastic film and adhesives inquiries. This year Tekra will be featuring our new JetView™ Solvent Inkjet line of polyester and polycarbonate optimized films. These films have been optimized to print on a wide variety of solvent inkjet presses while blocking the solvents in the ink from attacking the underlying film.

Tekra has also recently announced a new distributor partner with Henkel Electronic Materials who will now be supplying Conductive Inks to Tekra. Tekra will provide sales and technical support for the products for customers throughout North America.

3M™ Foam Lamination Tapes and 3M™ Low VOC Tapes with Acrylic Adhesive are two new product lines 3M is offering through Tekra that will also be featured at the show. Be sure to stop by our booth to see samples of our films and speak with the Tekra staff about any needs you may have, we will be happy to help.

Coater Improvement Project

June has been eventful in our New Berlin facility. We are hard at work updating our thermal and UV curing capability on Coater 1. The improvements will result in greater thermal curing capacity overall and having our largest coating assets configured with the same overall capabilities which will allow us greater flexibility in scheduling. We also believe the new equipment will expand our ability to coat thin gauge films (less than 1 mil) without any heat related distortion to the web.

During the project evaluation and planning stages, the improvements seemed like an investment in new equipment. In practice, when you replace an oven on a large coating asset, you really are completely disassembling the machine, breaking down superstructure, and installing new HVAC and reinstalling everything in precise alignment. During construction, the only thing left standing was the coating head enclosure. It has been fascinating to watch the riggers move, lift and install equipment more than 30 feet in width that weigh more than 30,000 lbs.

As of this writing, the project is on schedule. Production on our second line has restarted after being down most of June. We expect to spend most of the month of August testing and requalifying products on the improved Coater 1 with normal production resuming in September. Ask your Tekra representative about our additional coating capabilities!

JetView™ Solvent Inkjet Polycarbonate Barrier Coating Breaks Down Barriers

Typically, solvent inkjet printers have only been able to print on substrates that were not adversely affected by the solvents in the ink. This has left solvent inkjet printers out of markets where polycarbonate is used, as solvents will break down unprotected polycarbonate film and cause application failures. That is no longer the case!

Tekra's JetView™ Solvent Polycarbonate has a print receptive coating that not only enhances the ink adhesion of solvent inks, but it acts as a barrier coat that does not allow the solvents to penetrate through the coating and attack the polycarbonate film. Printers can now take advantage of the economic benefits of solvent inkjet printing to produce high end polycarbonate applications such as overlays, prototypes, membrane switches, backlit and outdoor signage with increased profitability.

Tekra's JetView Solvent line of polycarbonate films are stocked in 150' roll formats and in gauges of 5, 7, and 10 mils thick. Clear and White polycarbonate are available including in finishes such as Gloss/Gloss, Velvet/Gloss, and Matte/Gloss. Custom gauges and finishes can also be easily and quickly coated. JetView Solvent Inkjet Polycarbonate films have been run on a variety of inkjet press types including Mimaki and Roland.

Breaking down barriers and opening up profitable opportunities is what JetView Solvent Inkjet Polycarbonate is accomplishing for users. Contact a Tekra sales representative today to find the solvent solution you have been looking for.

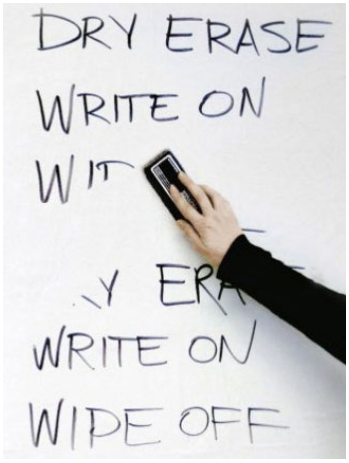
Ph: (800) 448-3572 • orderscentral@tekra.com

TEKRA A DIVISION OF EIS, INC.
Volume 6, Number 4 – August 2016
TEKRANEWS

Tekra's Dry Erase Hard Coated Film

To many of our customers Tekra is simply a plastic film converter and distributor; however, Tekra is also an industry leader in custom coatings. One of the unique coatings we have developed is a high quality gloss dry erase coating.

Our dry erase coating has exceptional writeability and eraseability that has been tested with a variety of standard dry erase markers including the colors black, blue, green and red.



Our coating easily accepts the ink, but can be erased without any ghosting. Our quality differentiator is our dry erase coating also functions as a protective hardcoat. Being a hardcoat allows the dry erase coating to be resistant to standard cleaners, solvents, or other chemicals which allows it to be used even in harsh indoor environments without breaking down.

We can apply the dry erase coating to white or clear polyester films that range from .00092" - .010" thick. We coat in roll form and can apply the coating to rolls up to 60 inches wide that can then be converted to sheets or slit rolls. Our dry erase films are typically made to order in large campaigns 4 to 6 times a year.

Call your Tekra sales representative today to request a quote and free 8" x 10" samples for evaluation.

3M™ Silicone/ Acrylic Differential Tape 9699

Silicone surfaces are typically engineered to reduce the ability of other surfaces to stick to them. Most adhesive liners, in fact, are coated with silicone coatings to allow for adhesives to cleanly remove from them. However, there are situations when bonding to silicone surfaces is desired and necessary.

3M™ Silicone/Acrylic Differential Tape 9699 offers a new option for bonding to silicone surfaces at an affordable price. The differential tape consists of a silicone pressure sensitive adhesive coated on one side of a polyester film and a high performance acrylic pressure sensitive adhesive coated on the other side.

The silicone adhesive side provides a strong bond to a variety of silicone rubber and other, various, silicone surfaces. The acrylic adhesive side provides high holding power on a variety of other surfaces. The polyester carrier embedded within the construction adds dimensional converting stability. Call Tekra today for more information on 3M™ Silicone/Acrylic Differential Tape 9699.

LEXAN™ 8010, 8030 and 8040 Films

Within the LEXAN™ film product line there are often inquiries on what the differences are between 8010, 8030 and 8040 products. All of these materials are clear gloss/gloss products that can be thermoformed and used in an array of similar applications ranging from automotive interiors to appliance overlays to consumer electronics. But there are some subtle differences. On the right is a chart that can help answer the initial questions commonly encountered with our customers. This is a great start when determining what product to choose for your application(s). Please contact Tekra at 1-800-448-3572 with any further questions!

	8010	8030	8040
High heat resistance	x	x	x
Superior dimensional stability	x	x	x
High gloss surface finish	x	x	x
Excellent clarity	x	x	x
Added UV stability	x	x	
Blocking UV-A and UV-B wavelengths		x	
FDA compliant			x
Meets USP-V1 criteria			x
Radiation stability			x
Autoclave stability			x

Ph: (800) 448-3572 • orderscentral@tekra.com