



New Year's Resolution: Be the Best Resource for You

With the beginning of the New Year and decade, Tekra will constantly look to evolve into the future. This evolution starts with making ourselves the best resource for you. In 2020, Tekra plans on continuing to develop our website into an educational platform for our customers. We strive to provide valuable, accessible, and informative content for you.

As a customer focused team, we want to provide you with the best technical resources. Some of our [resources](#) are:



[Tekra Video Gallery](#)

Did you know we have an extensive supply of adhesive videos readily available for your viewing? Other topics include 'When to use a Hardcoated Film', 'Tekra Coating Capabilities of Plastic Films', and more.

[Application Spotlight](#)

In aim of providing you appropriate and accurate solutions for applications, we have created a plethora of articles highlighting innovative applications.

[Tek Tip White Paper](#)

In depth and technical tips to make your experience more successful.

[Tekra Fundamentals](#)

A breakdown of the basics of our products and what that means for you.

As we enter this New Year, our goal of being a customer focused resource for you remains strong. Stay tuned for more helpful additions to our website in 2020.

3M, DuPont and Sabic Electronic Assembly Solutions

Navigating the selection of materials required in electronic assembly applications can be daunting. That is why Tekra has partnered with 3M, DuPont and Sabic and combined electronic assembly product solutions to help make the process easier.

3M offers a wide range of products required for electronics solutions applications. For instance, [3M™ Thermally Conductive Adhesive Transfer Tapes](#) along with thermally conductive interface pads, epoxies and grease are designed to help pull heat away from circuitry which helps improve operational lifetime and reliability in today's smaller electronics. [3M™ Electrically Conductive Adhesives](#) help hold components in place while, at the same time, allow electrical current to pass through them virtually eliminating the need for mechanical fasteners. 3M solutions help speed assembly and add functionality to your electronic assembly applications.

Mylar® polyester films from DuPont Teijin Films™ are broadly used in the electrical industry. Valued for its excellent balance of insulating dielectric, thermal, chemical and physical properties, [Mylar® A](#) family of products are an ideal selection for electronic assembly. Further electrical performance gains can be achieved from heat stabilized [ST Melinex®](#) and clear, flame retardant & halogen free [Melinex® FR220 & FR320](#) VTM-0 UL rated polyester films.

Sabic Innovative Plastics manufactures an innovative line of LEXAN™ and VALOX®FR1 electrical and electronic thermoplastic engineered films. This diverse portfolio includes [LEXAN™ 2A13 CXT](#) high temperature clear polycarbonate; [LEXAN™ FR](#) clear or opaque flame retardant polycarbonate and [LEXAN™ EFR](#) (Eco – non brominated / chlorinated). These materials feature superior insulation, printability, high thermal properties. All Sabic FR films have been tested and recognized by Underwriters Laboratories (UL) for flammability.



Choosing the Right Backlit Media

Everyone wants to create a sign that ‘pops’, and the most effective way to do that is to include lighting. When choosing a backlit media, do you know when to choose one over the other? With so many options in the market place, there are a few questions to help point you in the right direction.

- Will the sign be scrolling?
- How will the print be displayed?
- Will the sign have skin tones or displaying food?
- Is the overall tone of the image cool or warm?

When inkjet printing, there are two options that Tekra offers, each intended to satisfy different backlit applications. Our [JetView™ Latex White Translucent Backlit Polycarbonate](#) is offered in 10 and 15 mil thickness, and offers a warmer white, which is ideal for theater signage, transit graphics, or any print that has rich, warm tones. Its added thickness, rigidity and ink-anchorage also make ideal for signage that will not receive much post-processing. It needs less protection and can be slid into most simple frames, as it is at a decreased likelihood to bow.

Our [JetView™ Latex 7.6 mi Backlit Display Film](#), on the other hand, is a thinner polyester media. It has a bluer white point, making it appear brighter. This is perfect for menu boards and cosmetic signage, as the cleaner look does not warm the cool colors, which could make them look drab, but instead allows them to pop and stay crisp in appearance. The thinner, more flexible material, creates an ideal material for scrolling signs, and the flexibility of the material can make it easier to handle in post processing.

For more detailed information on these products and application, please see out ‘Application Spotlight’ page [here](#).

3M™ Lighting Films | NOW AVAILABLE AT TEKRA!

3M is making the world a brighter place with 3M™ Lighting Films. These polymeric based films provide much more efficient dispersion of light than their traditional, coated aluminum counterparts. In addition, since the films are not metal, they are also non-corrosive and non-conductive making them an excellent choice for a variety of lighting applications including LED luminaries, daylighting and light pipes. Markets currently integrating light management solutions into their designs include: automotive, electronics, appliance, architectural, and lighting manufacturers. The films can also be used for mirrored glass replacement.



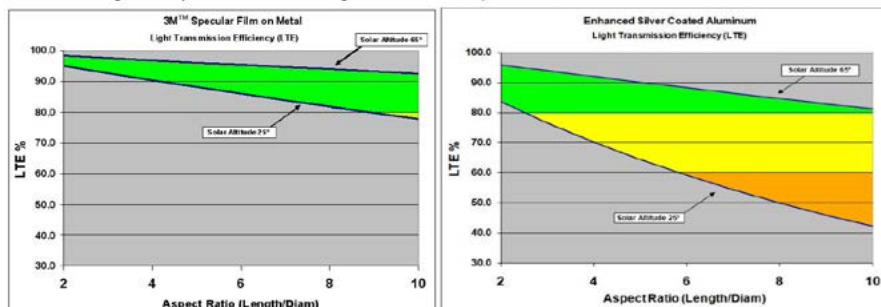
Tekra is able to custom convert 3M™ Lighting Films to your exact specification. Current products include:

[3M™ Specular Film DF2000MA](#) is a multi-layer, pressure-sensitive, polymeric film providing specular reflection greater than 99% of visible light often used in the construction of daylighting tubes.

[3M™ Specular Film D50A/D50F](#) provides greater than 98.5% reflectivity over the full spectrum with a protective coating on the reflective side providing increased durability and UV irradiance stability required for high intensity LED lighting applications. [D50F](#) is the same as D50A without an adhesive coating.

[Call us today at 1-800-448-3572](#) to learn more about how 3M™ Lighting Films can help make your lighting applications brighter.

Delivered Light Output of reflective light ducts: 3M Specular Film vs Coated Aluminum



Team Tekra

We begin each year knowing it will be better than the last, and not because of new product launches or innovations. We know it will be better because we know just how amazing our staff is. Seasoned or new, the people at Tekra make it all happen, and we'd like you to get to know them too. With the New Year, we'd like to introduce two of our newer employees:



Elizabeth, Inside Sales Representative. Beth started with us in May of 2019 as a customer service representative, so many have had the pleasure of speaking with her already. She comes from a background in inside sales, so when an inside sales position became available, she was the obvious choice. Beth has been married for 24 years, has three children between the ages of 15 and 21, and in her free time, she and her husband enjoy road biking and participate

in the MS bike tour annually, clocking 150 miles! Beth's favorite Tekra product is the [Dura-Go 55% Gloss Unit Marnot™ Polycarbonate](#). "I find it really interesting how many of the industrial applications are created, these products are included in so many everyday items that I never noticed before coming to this industry."



Becky, Administrative Assistant. Becky is one of the newest members of our team with a 2 month tenure, but already plays a major role in providing you service. She is responsible for fulfilling all of the sample requests we send, as well as many other sales support activities. Becky has previously worked as a paralegal, and is raising four girls, so detail and organization are her top two skill sets! In her spare time, she's an avid volleyball player and coach.

Becky's favorite product so far is the [Loctite® ECI 1010](#). "Prior to starting here, I had no idea you could print an electronic circuitry."

To learn more about either of these products, visit our [website](#).

Technical Advantages of Buying Direct

Tekra is widely recognized as the [technical industry expert](#) when it comes to [hardcoated films](#). When dealing with Tekra, you're working directly with the manufacturer...no middle man! That means you're getting first-hand knowledge and expertise to help you make the proper determinations for your hardcoated film needs.

Your sales support staff are technical experts with decades of combined industry experience. Backing them internally at Tekra are a team of Engineers dedicated solely to the development and manufacturing of coated films...also with decades of experience. We can help you determine the best coated film for your needs, and work through the qualification process with you. If we don't carry something to suit your needs in our standard offering, we have a full [New Product Development](#) team, to help you customize your own coated film product, based on your specific needs.

However, with our [Marnot®](#) and [ProTek®](#) film brands being widely recognized as the BEST for processing, including die-cutting, embossing, minimized edge shattering, and offering the largest range of matte levels on the market, our standard offering is pretty robust.

So, in addition to getting the BEST technical support available, you're also getting the EASIEST products to work with when you deal directly with Tekra. Bring us your unique projects, and let us help select, or develop, the right film with you as your DIRECT technical supplier.

