



our films deliver.



klöckner pentaplast



innovation, delivered.

For more than 40 years, Klöckner Pentaplast has been producing the world's most innovative rigid films for the world's most innovative companies. Our films safely package food, protect pharmaceuticals, and deliver products that get noticed. We make film for everything from credit cards, to decorative surfaces to pharmaceutical and medical device packages. Do you need film that blocks moisture? Has recycled content? Shrinks? Shines? Prints? Protects? kp can deliver it.

And if we don't have the exact film you require, we'll create it for you. Our customers constantly challenge us with new products, new ideas, and new applications. Your needs power our innovation. Working together, we develop the optimal film for every application, films that let you push the limits of what's possible.



Pentalabel®



Films for shrink-label packaging

Innovative packaging helps to sell your product. That's why we offer the industry's most advanced shrink films. For shrink-sleeve or roll sleeve-applications, you can cover even the most complex container shape with brilliant, high-impact shrink labels. Just one of the ways we deliver innovation.

kp is committed to growth. It is our vision to be the number one film producer worldwide. How? By developing and delivering innovative film solutions that help you succeed. By reducing cost, improving performance, and enhancing product appeal.



solutions. delivered.

At kp we're not just in the business of making film, we're in the business of delivering solutions to meet your needs in a cost-effective way. From packaging to printing and specialty applications, our line of more than 700 film formulations is the most comprehensive in the industry, so you never have to settle for a second-best solution. And when faced with a unique challenge, our engineers create custom formulations

to keep your business on the leading edge edge – now and in the future.

kp is committed to meeting the needs of companies worldwide. That's why we have established manufacturing plants, distribution facilities, and sales offices across the globe. We produce identical best-in-class films throughout Asia, Europe, and the



Pentapharm®



Americas guaranteeing consistent high-quality films everywhere. Our films meet or surpass international regulatory standards, and, in the case of pharmaceutical, are registered in a global master file. Multiple global production sites ensure security of supply, so wherever you are in the world, you'll get precisely the film you need precisely when you need it.

Films for pharmaceutical packaging

At kp, we offer the broadest range of pharmaceutical blister packaging films in the industry. Our films provide maximum efficacy and increase shelf life. They protect against moisture, gas, oxygen, and UV rays. We have mono and barrier films in a range of polymers that allow unique package formats and convenience options that increase compliance and ensure product effectiveness. We can even help design optimal blisters for your product with our proprietary Pentapharm® BlisterPro® simulation software. Whatever properties you need to safely package your pharmaceutical product, we've got it. Just one of the ways we deliver solutions.



performance. delivered.

At kp, our technology serves you. Since the first film rolled off a kp calender line in 1966, we have continually invested in state-of-the-art calendering, extrusion, stretching, coating, and laminating technology. Our manufacturing plants execute your orders consistently, meeting precise specifications for color, surface, thickness, formulation, and function every time. What does this mean for you? Whether it's for packaging,

printing, thermoforming, shrinking, metallizing, or any specialty application, kp films perform on your machinery.

But kp quality has other benefits too. By developing new techniques, like inline measuring technology and investing in new state-of-the-art film technology, we help you to improve performance. Our tight tolerances



Pentacard®

reduce your costs by producing higher yields and less downtime. Because our film meets specifications exactly, you get consistent, efficient performance. And all of our facilities are ISO 9001:2000, 9001:2008, or 14001:2004 registered and operate according to the strictest cGMP standards. kp films meet or surpass international regulatory standards.

Films for producing cards

Dynamic card designs create high impact for consumers using secure and non-secure cards. But the film has to be durable and process well on your machinery. That's why kp's card films are formulated to perform—and last. Available in multiple polymers, we have core and overlay films for different laminating temperatures, print surfaces, high impact, and heat stability. Just one of the ways we deliver performance.



support. delivered.

We're proud of our high-quality films at kp—we're also proud of our people because they help you make the most of our film. Our sales force is the largest and best-trained in the industry. They work hand-in-hand with kp engineers to meet your needs exactly. Customer service teams are available locally, ensuring on-time delivery across the globe.

We also offer the industry's most comprehensive technical support. Our technicians take a hands-on approach and will visit you on-site for consulting, troubleshooting, and training. kp tech support is also about improving performance to get your product to market faster. That's why we developed Technical Support Centers, the first of their kind in the industry,



Pentadecor®



where we internally develop new films and problem solve your issues. And we can evaluate the performance of alternate materials and tooling designs, so you don't have to.

Films for producing decorative surfaces

kp's extensive line of 2D and 3D Pentadecor® films create beautiful, durable finishes for furniture and cabinetry. With our Pentadecor® design center, you can unleash your creativity and satisfy every customer's needs. We are the only supplier to offer an on-site digital printer that lets you equip showrooms with display samples and sample orders. Now you can create new colors, prints, and designs to match surfaces perfectly—from countertops to cabinets and beyond. Wherever the trend is headed, you can be there first. Just one of the ways we deliver support.



responsibility, delivered.

Sustainability is key to our future. That's why at kp we address all of its components: environmental protection, social responsibility, and economic development. kp has long been recognized as the premier company for quality, performance, and service, and we are proud to offer an outstanding portfolio of products that meet our customers' sustainability needs.

We believe that sustainable business practices are essential to improving our environment. In operations

worldwide, we source materials responsibly, minimize resource depletion, and optimize efficiency. Responsible management ensures the lowest possible emissions, wastewater, and waste material.

Social responsibility to our staff, business partners, and communities is vital to our success. Our employees work in a safe and secure environment, and we offer opportunities for skill development and advancement. As is our commitment to maintaining the highest



SmartCycle®



standards of business conduct and corporate governance practices. And giving back to the local communities where we operate has been part of kp's culture since day one.

We believe it is our obligation to drive sustainability practices in our industry. That's why we will always innovate to meet market needs and continuously improve manufacturing excellence.

Films with sustainability in mind

SmartCycle® films, made from recycled plastic beverage bottles, can be used for every container imaginable—trays, clamshells, blisters, boxes—as well as printed signs and stationery applications. The line features products with various levels of post-consumer recycled content—all guaranteed—and even the film manufacturing process saves energy and resources. SmartCycle® films provide brand owners and retailers a drop-in solution with sustainability in mind. Just one of the ways we deliver responsibility.



results, delivered.

At kp, we believe in meeting our customer's needs *comprehensively* with the highest-quality films, the broadest range of formulations, and service and support from beginning to end. We offer the strength and stability of a global company, delivering results to you wherever you are.

It's our job to keep you on the leading edge. That's why we design films that help you create new products and bring them to market in fresh and exciting ways. At kp, we're not just innovating, we're innovating for you—and the opportunities are endless.



Pentafood®

*Innovation. Solutions. Performance. Support. Results. **Our films deliver.***



Films for food packaging

Our customers manufacture food packages across the globe—and we're right there with them. kp is the only company in the industry to offer global sourcing for mono and multi-layer films. No matter where you produce, we have films to protect against physical and environmental damage to ensure food safety and long shelf life. Our rigid forming films provide the ability for unique package formats and convenience options with powerful shelf-appeal, products that get noticed—and sell. With kp, you know that your film supply is secure, reliable, and consistent. Just one of the ways we deliver results.

PACKAGING:

Adhesive Tape
Boxmaking
Food
Medical Device
Pharmaceutical
Shrink Films
Static Control
Thermoforming

PRINTING & SPECIALTY:

Artificial Foliage
Card
Cooling Tower & Waste Water
Decorative Surfaces
Pipe Insulation
Printing
Stationery
Other

Americas:

3585 Klöckner Road
P.O. Box 500
Gordonsville, VA 22942 USA
Phone: +1.540.832.3600
Fax: +1.540.832.5656
kpainfo@kpfilms.com

Asia:

64/48 Moo. 4 T. Pluakdaeng,
A. Pluakdaeng
Rayong 21140
Thailand
Phone: +66 38 955460
Fax: +66 38 955462
kpasia.sale-support@kpfilms.com

Europe:

P.O. Box 1165, 56401 Montabaur
Industriestr. 3-5, 56412 Heiligenroth
Germany
Phone: +49 2602 915-0
Fax: +49 2602 915-140
kpinfo@kpfilms.com