



# klöckner pentaplast

## press release

**FOR IMMEDIATE RELEASE**

**CONTACT:** Anne Hooff  
Payne, Ross & Associates  
+1.434.977.7607  
e-mail: [anne@payneross.com](mailto:anne@payneross.com)

**PENTAFORM® SMARTCYCLE®  
RF-SEALABLE AND HEAT-SEALABLE FILMS  
AVAILABLE FROM KLÖCKNER PENTAPLAST**

**Gordonsville, Virginia – October 31, 2010** – The Pentaform® SmartCycle® film product line has been extended to include two new Pentaform® SmartCycle® films. Pentaform® SmartCycle® TH-ES135R is designed for use in RF sealing. Pentaform® SmartCycle® TH-ES150K is heat sealable to water-based, adhesive-coated cardstock. Both rigid PET films are made from post-consumer recycled bottles. Designed to contain a minimum of 35% or 50% post-consumer recycled content, these innovative Pentaform® SmartCycle® films are engineered to be drop-in alternatives for traditional polymers sealed by these methods while helping meet customers' sustainable packaging goals. With over 20 years of polyester production experience, Klöckner Pentaplast is a leading global producer of rigid polyester films and is the exclusive global supplier of SmartCycle® packaging films.

Ideal for clamshells, blisters, trays, and other thermoformed applications, Pentaform® SmartCycle® films offer exceptional processability on standard thermoforming and form/fill/seal equipment. These films are certified to meet domestic packaging regulations and exceed California and Oregon regulations for rigid plastic packaging containers.

SmartCycle® PET films provide a thermoformed plastic packaging option to consumer product companies and retailers while building long-term value by helping them move toward their sustainable packaging goals. Because the SmartCycle® logo can be included on the plastic containers using this film, consumers can make educated choices on their purchases.

The SmartCycle® process of making packaging from recycled plastic bottles saves energy, natural resources, and, ultimately, will spur collection of bottles. Consumers are now able to return

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Klöckner Pentaplast Group  
Corporate & The Americas:  
3585 Klöckner Road  
P.O. Box 500  
Gordonsville, VA 22942 USA  
Phone: +1.540.832.3600  
Fax: +1.540.832.5656  
[www.kpfilms.com](http://www.kpfilms.com)  
[kpainfo@kpfilms.com](mailto:kpainfo@kpfilms.com)

Klöckner Pentaplast Group  
Europe:  
P.O. Box 1165, 56401 Montabaur  
Industriestr. 3-5, 56412 Heiligenroth  
Germany  
Phone: +49 2602 915-0  
Fax: +49 2602 915-297  
[www.kpfilms.com](http://www.kpfilms.com)  
[kpinfo@kpfilms.com](mailto:kpinfo@kpfilms.com)

Klöckner Pentaplast Group  
Asia:  
64/48 Moo. 4 T. Pluakdaeng,  
A. Pluakdaeng, Rayong 21140  
Thailand  
Phone: +66 38 955460  
Fax: +66 38 955462  
[www.kpfilms.com](http://www.kpfilms.com)  
[kpinfo@kpfilms.com](mailto:kpinfo@kpfilms.com)

their Pentaform® SmartCycle® packages to Klöckner Pentaplast for recycling; thereby forming a closed loop and adding continued life to SmartCycle® branded packages. This begins with the distinctive SmartCycle® logo derived from the petaloid base found on most PET bottles. For the consumer, the unique identifying mark is informative, reinforcing the benefits of bottle and package recycling. A key goal of SmartCycle® is to help people feel good about their packaging choice by conveying the story of sustainable packaging through the entire packaging value chain – consumers, retailers, OEMs, converters, and resource recovery plants.

“Pentaform® SmartCycle® films were developed to be drop-in alternatives for traditional polymers sealed by RF methods or heat sealable to water-based, adhesive-coated cards while helping meet customers’ sustainable packaging goals,” notes Peter Gianniny, Klöckner Pentaplast’s thermoforming packaging films business manager for the Americas. “The expansion of our thermoform packaging film range to include these unique films continues to provide our customers with the broadest selection of high-performance films available in the global marketplace today.”

#### **About the Klöckner Pentaplast Group**

The Klöckner Pentaplast Group is the world’s leading producer of films for pharmaceutical, medical device, food, electronics, and general-purpose thermoform packaging, as well as printing and specialty applications. Founded in 1965 in Montabaur, Germany, Klöckner Pentaplast has grown from its initial facility to 19 current production operations in 11 countries.

The Klöckner Pentaplast Group is wholly owned by affiliates of The Blackstone Group. The company has sales of over \$1.3 billion (€930 million) and employs more than 3,000 people committed to serving customers worldwide. For more information, visit our web site at [www.kpfilms.com](http://www.kpfilms.com).

Contact for Corporate, The Americas, and Asia:

Nancy E. Ryan  
Group Director, Corporate Communications  
Klöckner Pentaplast Group  
+1.540.832.1427  
+1.540.832.1419 Fax  
[n.ryan@kpfilms.com](mailto:n.ryan@kpfilms.com)

Contact in Europe:

Thomas Huenseler  
Manager of Communications  
Klöckner Pentaplast/Europe  
+49.2602.915.315  
+49.2602.915.197 Fax  
[t.huenseler@kpfilms.com](mailto:t.huenseler@kpfilms.com)

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