



klöckner pentaplast

press release

FOR IMMEDIATE RELEASE

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KLÖCKNER PENTAPLAST INTRODUCES THE NEXT GENERATION OF FILMS FOR PHARMACEUTICAL BLISTER PACKAGING WITH PENTAPHARM® KPVANTAGE™

Montabaur, Germany – February 1, 2010 – The Pentapharm® film product line has been extended to include Pentapharm® kpVantage™ polyester films for pharmaceutical blister packaging. The first of its kind, Pentapharm® kpVantage™ films are high-performance polyester films which incorporate a wide range of structures to meet pharmaceutical packaging needs. These innovative films are designed to be processed on existing equipment maintaining all critical package components – no need to change tooling, lidding, or package design. Pentapharm® kpVantage™ films are offered globally and manufactured throughout the worldwide network of Klöckner Pentaplast's production facilities. With over 20 years of polyester production experience, Klöckner Pentaplast is a leading global producer of rigid polyester films.

Pentapharm® kpVantage™ films can be used as mono films for pharmaceuticals requiring low moisture barrier or they can be integrated into barrier structures for products that require more protection from moisture and gas. These films are ideal for solid oral-dose packaging, ethical drugs, OTC, generics, physician samples, veterinary medicine, and nutraceuticals. Compared to standard materials, Pentapharm® kpVantage™ films offer a wide forming window for optimal thermoforming; form at lower temperatures therefore decreasing energy use and increasing line speed; and punch and perforate cleanly, with no angel hair.

Pentapharm® kpVantage™ films also offer a full range of barrier protection with common contact material and process consistently with no neck-in and good registration. In addition, these films lay flat for improved performance on filling stations; have enhanced tensile properties for superior toughness;

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and provide brilliant clarity and superior optical and surface qualities.

“As a worldwide leader in the production of rigid polyester films and a trusted source for pharmaceutical films, we are exceptionally well positioned to deliver total solutions like Pentapharm® kpVantage™ films,” notes Charles Baechler, Klöckner Pentaplast’s Global Pharmaceutical Films Business Leader. “These pioneering films give customers the option of using polyester-based materials without having to invest in costly package redesign, new machinery, or change their lidding. Offered in a wide range of structures, customers can choose among ACLAR®, PVdC, or ACLAR®/PVdC structures to meet their moisture and oxygen barrier film needs.”

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 \$1.6 billion (€1.1 billion) and employs more than 3,200 people committed to serving customers worldwide. For more information, visit our web site at www.kpfilms.com.

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