

**PRESS RELEASE**

**US Patent Granted to FlexFilms for Breakthrough BOPET Film  
Used for Alu Alu Blister Pack**

**December 03, 2018, Elizabethtown, Kentucky (USA):** FlexFilms, the global film manufacturing arm of Uflex, has been granted United States Patent covering entire categories of Formable Films that include one or more BOPET layers used in Alu Alu blister packaging. The patent US 10131122 was issued to Flex Films (USA) Inc on November 20, 2018 for a period of 20 years, lending a competitive advantage to the Films Business of the company over its opponents in cold formed pharmaceutical packaging industry. With the patent issuance, the company gets exclusive right of manufacturing & sale of this special BOPET film in US, Europe and India.



**This patent has a uniqueness of forming characteristic of BOPET film in Z direction during packaging application.**

With this innovation in pharma packaging and particularly for Alu-Alu blister laminate structure, BOPET film has completely replaced the carcinogenic PVC. When PVC is recycled or reprocessed, it releases poisonous gases like Dioxin & Hydrochloric acid which are hazardous for human health. Also when PVC comes in direct contact with sunlight, it gives away Chlorine gas. Whereas the special polyester film can be recycled and reprocessed and is 100% environment friendly. Likewise, this BOPET film has also replaced 25 microns BOPA

film, the processing of which is difficult due to its intrinsic property of moisture absorption that makes it delaminate from aluminum foil.

The BOPET film, developed by Uflex's Film Business and patented by Flex Films USA, delivers a huge saving on carbon foot prints and energy. Another added advantage that this BOPET Films has over PVC & BOPA is that they can be easily printed with many different types of inks. Even today, it is difficult to read the details of drugs printed on Aluminum foil of blister packs, but with the compatibility feature of BOPET film with the different types of inks used in printing, communication of drugs on blister packs has become readable now. Our BOPET film has even opened up many avenues to evade the menace of anti-counterfeiting.

**Pramod Sirsamkar, President – Technical & New Product Development (Films), Uflex Ltd who along with the R&D team invented the film stated,** "We are pleased to strengthen our intellectual property protection with the addition of this patent. Our R&D team had consistently worked to invent our now patented special polyester film that since its launch last year has changed the landscape of medical packaging reducing the dependency on BOPA and PVC films use in Alu- Alu laminate blister pack. This patent undoubtedly would be a game changer for our business and will prove to be an asset not only for us but also for the pharmaceutical industry."

**Pleased at the grant of the patent, Anantshree Chaturvedi, Vice Chairman and CEO, FlexFilms International said,** "We have believed that healthy competition always benefits customers the most. The patent awarded to us gives us the right to protect our innovation and stop others from copying, reverse-engineering or selling our product without our permission, thereby reducing our risks and ensuring best product delivered to our customers. This silver bullet now gives us protection for a pre-determined period, allowing us to keep competitors at bay and lead the path as always."

### **About FlexFilms:**

FlexFilms is the global film manufacturing arm of India's largest multinational flexible packaging solutions company, Uflex Limited. With State-of-the-Art film manufacturing facilities in all the 4 major continents Asia, Europe, North America and Africa, our cumulative production capacity stands in excess of 337,000 MT Per Annum.

### **About Uflex:**

Uflex is India's largest multinational flexible packaging materials and Solution Company and an emerging global player. Since its inception back in 1985, Uflex has grown from strength to strength to evolve as a truly Indian Multinational with consumers spread across the world. Uflex today has state-of-the-art packaging facilities at multiple locations in India with installed capacity of around 1,35,000 TPA and has packaging film manufacturing facilities in India, UAE, Mexico Egypt, Poland and USA.

All Uflex plants are accredited with ISO 9001, 14001, HACCP & BRC certifications. Uflex caters to markets spanning across the globe in over 140 countries like USA, Canada, South American countries, UK and other European Countries, Russia, South Africa, CIS, Asian and African nations. Integrated within its core business profile are allied businesses like Engineering, Cylinders, Holography and Chemicals which further give Uflex a superior edge above competition.

Uflex Limited is also a part of the D&B Global Database and winner of various prestigious national and international awards for its products' excellence. Uflex offers technologically superior packaging solutions for a wide variety of products such as snack foods, candy and confectionery, sugar, rice & other cereals, beverages, tea & coffee, dessert mixes, noodles, wheat flour, soaps and detergents, shampoos & conditioners, vegetable oil, spices, marinades & pastes, cheese & dairy products, frozen food, sea food, meat, anti-fog, pet

food, pharmaceuticals, contraceptives, garden fertilizers and plant nutrients, motor oil and lubricants, automotive and engineering components etc.

Some of Uflex's clients on the global turf include P&G, PepsiCo, Tata Global Beverages, Mondelez, L'Oreal, Britannia, Haldiram's, Amul, Kimberly Clark, Ferrero Rocher, Perfetti, GSK, Nestle, Agrotech Foods, Coca-Cola, Wrigley, Johnson & Johnson amongst others. For more details, click on: [www.uflexltd.com](http://www.uflexltd.com)

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