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PLASTICS TODAY



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UFlex Closes Jan-March 2022 Quarter with Series of New Offerings

UFlex, India's largest multinational in flexible packaging materials & solutions and a global leader in polymer sciences unveiled its range of value-added, sustainable products and solutions that are set to rewrite the packaging story for brands and converters in this competitive landscape. The company shared the new launches made during January to March 2022 while announcing its quarterly and annual results closing on 31 March 2022. These developments are a result of UFlex' focus on understanding the pain points of brands, analysing the desired user experience they want to deliver while simultaneously helping them step closer to their sustainability goals especially with new EPR guidelines being announced in India and other countries.

In the quarter, UFlex steered the path of innovation by bringing a host of products & solutions that makes a good combination of sustainability and value-addition.

From Chemicals Business

FLEXCOAT AQUABAN Coating for Corrugation Boxes - With a large number of fresh fruits with extended shelf life hitting the retail shelves, the need for strong and sturdy corrugated packaging boxes, which can hold the packed contents safe, has gained impetus. FLEXCOAT AQUABAN, a water repellent coating for kraft paper is used as an inner liner on corrugation boxes which helps maintain the structural integrity of corrugated shipping boxes in transit movement and stands good even during extreme weather conditions to preserve perishable goods. A versatile water-based coating, FLEXCOAT AQUABAN complies with FDA guidelines.



FLEXCURE HFS Over Printable Coating for Labelling Applications-Finding that perfect finish coating that complements with both wet and dry UV inks has always concerned convertors and brands. FLEXCURE HFS, a free radical chemistry based UV gloss varnish is the answer for in-line and off-line applications and offers the possibility of hot foil stamping over printable & good scuff resistance properties on glossy areas of texture pattern. This premium over-printable coating has been specifically formulated to be applied in-line over wet or dry UV inks and is suitable for fast curing for full or flat overprint coating of all types of printed papers, boards of mono-cartons, other packaging materials, and for various types of labels used in the labelling industry.



FLEXCURE Sheetfed MT Series for Offset Application for Metal Packaging Decoration - In the fiercely competitive world, FMCG and CPG brands focus a lot on the metal packaging structures that require impeccable finesse for their products to stand out on the retail shelves. FLEXCURE Sheetfed MT series represents a new generation UV ink for decoration over metal packaging. This series has been specially developed for printing on aluminium & tin plate sheets, both two and three piece cans, and also for high-end packaging for industrial, body care products, and other non-food packaging applications. With its use, UFlex patrons are able to exhibit their products with confidence on stores' counters.



From Engineering Business

FLEXPRESS 10000 Servo Control Liquid Filling Machine for Aseptic Liquid Packaging- With the demand for packed beverages like juice, dairy products and alcohol burgeoning, the need for fast movement of supply chain operations including quick production has become non-negotiable. To meet this growing demand, UFlex has developed servo powered liquid filling machine 'FLEXPRESS 10000' which has the capacity to pack 10,000 aseptic liquid packs in an hour. The machine is equipped with a user-friendly Human Interface Module (HMI) integrated



with an advanced Programmable Logic controller (PLC) system that facilitates easy operations. The USP of this machine is its main drive system which is aided by high-end water-cooled servo motors that provide flexibility to manage multiple volume range, quick change-over time, and prevent wear and tear of machine. Since its launch, the machine has been generating a lot of interest from brands with two already installed while few more are in the pipeline for supply.

From Flexible Packaging Business

Three-layered PET/PE Packaging Format with Registered Window Lamination-Sugar is a frequently consumed item in every household that has quite a few brands selling it. However, what matters most to the consumers is the quality and clarity of sugar which if possible to be easily viewed through the pack, makes the purchase that much easier. Taking note of this, the flexible packaging business of UFlex has developed a three-layered PET/PE packaging structure for 1kg and 5kg quantity for Triveni Engineering with a registered window metallization that allows buyers to be confident of the premium quality of packed sugar. With this unique packaging in tricolour graphics, the brand has been able to push the sales of its premium quality sugar and find its sweet spot!



Stand-up 3D Pouch with Registered Window and Press-to-close Feature for Ready-to-eat Seafood Packaging- For fresh food especially perishables like seafood, visibility of the product along with a strong and sturdy packaging that retains seafood's freshness is important for the consumers. For the brand Sailor's Choice, UFlex has developed a 3D standing pouch made from the goodness of PE and PE-NAT to pack cooked frozen prawns. The pack that comes with a see-through registered window allows customers to have a clear view of the seafood even in the deep-freezer of the stores. The first press-to-close 3D pouch ever developed for cooked frozen prawns facilitates reusability letting seafood lovers to savour it for a longer time.



From Holography Business

Ultra-matte Effect Foil for High-end Home Furnishings -With the latest home décor trends tilting more towards luxury feel that includes foil prints, metal embellished designs and brass finish, UFlex has developed an ultra-matte effect foil for high-end furnishing requirements such as furniture upholstery, curtains and other home décor items. The premium effect is achieved by using heat and pressure on the surface, due to which the design renders added brilliance and depth along with a shine but with a very subtle effect. Until recently, embellished home furnishings with gold and silver effect was witnessing demand uptake, however going further, copper and brass foil effects are set to gather pace as the trend is slowly drifting towards lavish and luxurious vintage designs for home furnishings and textiles.



Sparkle Glitter Effect Film for Decorative Applications -In a quest to grab consumers' attention, luxury brands are always on the lookout for eye-catching solutions that enhance the appeal of their products. To fill this gap, UFlex has developed a Sparkle Glitter Effect Film that provides a high glitter yet matted effect on multiple surfaces. It is used in an array of applications such as premium carry bags laminated with non-woven fabrics, gift-wraps, luxury gift boxes, textile laces, photo lamination etc.



From Packaging Films Business

Superior Oxygen & Moisture Barrier Transparent BOPP film - Food packaging requires a strong packaging structure that protects the content from a lot of extraneous factors that could spoil the product. Responding to the packaging requirements of food brands especially ones that need to pack dry powders like instant soup, masalas etc, UFlex has developed B-TEM, a high barrier BOPP film that provides an excellent oxygen barrier of 0.3 cc/m² /day, high moisture barrier resistance of 3.5 gm/m² /day and an outstanding WVTR of 1.6gm/ m² /day in duplex structure making it a much improved and higher barrier version of the previous avatar of the film. This mono-material film developed with coating on one side and corona treatment on the other side stands high on sustainability quotient due to it being recyclable. It is suitable for sandwich application and surface printing, especially for matte varnish, and offers reverse printing with BOPP and CPP grades. ■





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