

Packaging

SOUTH ASIA

The Magazine for Modern Packaging



Progress and disappointment on climate change at COP27 p16

SuperCoco and SuperGreen win WorldStar Award for Happy Brush and EPL



Vicco ayurvedic personal care products go for recyclable EPL Platina tubes

EPL's Platina Pro wins Recyclclass and APR certification for recyclability



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■ Ultra-high barrier pouch, MPP & WPP sacks, & high-barrier BOPET film F-AFR-M

UFlex flexible packaging innovations in Q2

UFlex has announced several product innovations in the second quarter ending 30 September 2022. These include three innovations from the flexible packaging business.

■ Nat Habit organic natural beauty products

The flexible packaging business division has developed a special high-barrier packaging format that prevents degradation and preserves the natural properties of organic natural beauty products while increasing their shelf life. Nat Habit, a startup in the natural beauty and wellness space, required a packaging solution for its natural preservative-free henna paste. UFlex's flexible packaging business division created a unique stand-up, center-seal pouch with a side gusset. This pouch provides an ultra-high barrier against moisture, gases, and UV rays, and assures protection to the natural ingredients of the henna paste.

It extends the shelf life of the product by preventing it from oxidative degeneration and delaying bacterial growth, thus preventing it from contamination. The unique lacquer coat provides a very organic feel that resonates with the brand positioning. Owing to the packaging solution and the performance of the structure, the brand has apparently witnessed a three-fold increase in demand since its launch, according to Uflex.

■ MPP and WPP large packaging for Terasol fertilizer

Taking note of its pioneering capability in developing WPP, Terasol, a large player in agriculture products, approached the UFlex team to develop a packaging solution with added security features that not just give a facelift to the pack but also prevent it from security risks during transit. The UFlex flexible packaging research team developed a packaging structure with MPP/POLY PROPYLENE-EXTRU) to pack water-soluble Terasol fertilizer.

The packaging structure of a block bottom pouch with a seal of quality via hot foil stamping was well received by the brand. The packaging structure has successfully passed mechanical tests and delivers on the aesthetics requirements of the brand.

■ High barrier BOPET film F-AFR-M

In order to meet the exceptional barrier requirements for oxygen and moisture-sensitive products that typically include milk powder, coffee, or beverage packaging, the flexible packaging films business division of UFlex has developed a barrier BOPET film 'F-AFR-M' with metallization on one side and the option of corona treatment on the other side.

FAFR-M offers a metal bond strength of more than 600gm/25mm for easy handling and machinability. Owing to its high oxygen and moisture barrier properties and easy recyclability, the film has emerged as a successful replacement for aluminum foil used in dried packaging applications, which enables brands to come one more step closer to their sustainability goals. ■



High-barrier pouches for Nat Habit organic henna paste developed by the UFlex flexible packaging division. Photo UFlex

Inks and coatings on show at Mumbai event

DIC India talks sustainability at Asia Coat and Ink Show 2022

DIC India talked about its next-generation sustainable inks and coatings at the recently concluded Asia Coat and Ink Show 2022 held in Mumbai. The company promoted its toluene-free ink systems, ketone-free inks, water-based inks and low viscosity, high strength non-toluene inks for flexible packaging applications.

"In addition to the various sustainable ink systems, we talked about barrier coatings; the aim to replace PE. We have a range of applications specific to regulatory requirements and customer needs. Most of the inks we talked about at the show are made in India. Some coating solutions are imported," says Saroj Kumar Panda, chief technical manager, LI, DIC India. DIC India is one of the biggest and oldest manufacturers of printing inks and allied material in the country. It provides liquid inks formulated to meet the diverse needs of reverse printing on treated BOPP, treated and plain polyester film, nylon and cellophane, among others.

Sustainability in packaging

The issue of environment and sustainability is now an important part of discussion in the packaging industry. Panda says DIC India takes the issue seriously and is working to keep the environment safe. "Brand owners are moving towards environment-friendly ink systems such as non-toluene inks. DIC India is partnering with many stakeholders in the industry. We are conducting seminars and workshops to educate the industry about the health hazards associated with toluene inks, and how we can move towards alternatives to protect our environment," he says. ■

– *Shardul Sharma*



DIC India's stand at the Asia Coat and Ink Show 2022

Multiple samples on display at Asia Coat and Ink show

UFlex chemicals displays sustainable solutions at the event

UFlex's chemicals division focused on a range of sustainable solutions at the Asia Coat & Ink Show 2022 in Mumbai – promoting its water-based, solvent, and solvent-less inks, adhesives, and varnishes and coatings for various packaging printing technologies, including CI flexo and sheetfed offset. It also talked about radiation-curable inks at the event held at the Bombay Exhibition Centre. The UFlex chemicals division, which was established in 1994, started as Flex Chemicals. It pledged to promote green initiatives, some of which include the development of water-based adhesives and inks, water conservation, the reduction of hazardous waste, energy conservation, reduction of water air, and ground pollution, and reduction of carbon footprint.

UFlex's chemical division has a vast range of products that include solvent-based, solvent-free, and water-based laminating adhesives, gravure and flexo inks, radiation curable inks, specialty chemicals, coating and printers, and ink binders. Company officials present at the show said they were working on advanced LED technology and water-based solutions. A lot of samples of packaging applications using UFlex's chemical solutions were displayed at the stand. ■

– *Shardul Sharma*



*UFlex chemicals division's stand at Asia Coat & Ink Show 2022.
Photo PSA*