



# UFLEX LIMITED

(Formerly Known as Flex Industries Limited)

Division/Office: CORPORATE - SECRETARIAL

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UFLEX/SEC/2016/

December 5, 2016

The National Stock Exchange of India Limited  
Exchange Plaza, 5th Floor  
Plot No.C/I, G-Block  
Bandra-Kurla Complex  
Bandra (E),  
Mumbai – 400051

The BSE Limited  
Corporate Relationships Department  
1st Floor, New Trading Ring,  
Rotunda Building, P J Towers,  
Dalal Street, Fort,  
Mumbai – 400 001

**Scrip Code : UFLEX**

**Scrip Code : 500148**

Subject : Press Release

Dear Sir,

We attach herewith a "Press Release" for the information of members.

Thanking you,

Yours faithfully,  
For UFLEX LIMITED

(Ajay Krishna)  
Sr. Vice President (Legal) &  
Company Secretary

Encl : As above

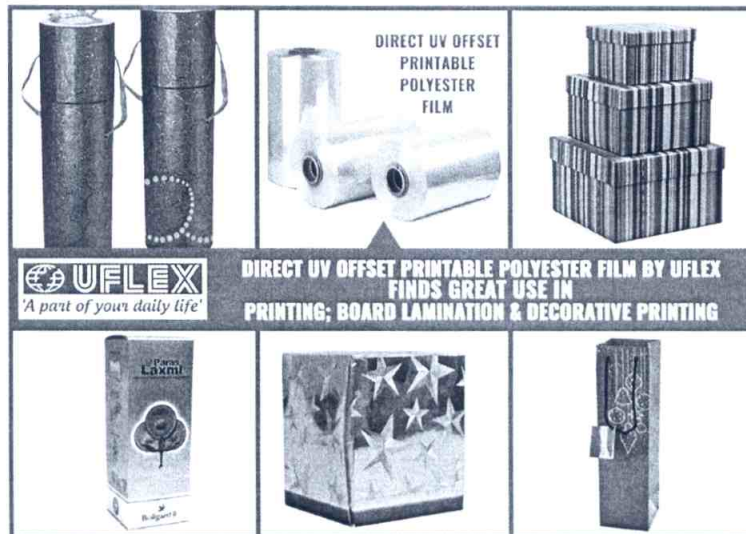
## OFFICIAL RELEASE

### Uflex launches Direct UV Offset Printable Polyester Film

**05 December 2016:** UV offset printing on non-absorptive surfaces is getting popular by the days. It gives an ultimate packaging solution for Board Lamination and Decorative Printing. The daunting challenge in this segment however remains the availability of right kind of substrate where direct printing can be done without any primer/ treatment.

Let's try to understand this, a little better. Liquids do not wet surfaces with free energies lower than their surface tension. On the contrary an extremely high surface free energy as compared to the surface tension of the ink will also result in poor wetting and adhesion. Therefore according to printing industry experts, for best wetting and ink adhesion on to non-absorptive surfaces the 'dyne level' or the surface free energy of the substrate should be about 10 dynes above the surface tension of the ink.

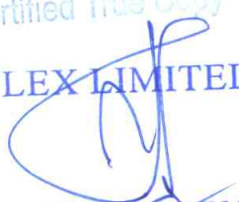
Unfortunately many polymeric substrates have too low surface energy required for good printing and ink adhesion and therefore the substrate has to be remedially modified in order to make it printable.



This modification is usually done with an adjustable corona treatment or by applying a suitable primer coating. Corona treatment is fast and relatively inexpensive, but surface dyne levels are susceptible to loss or decay during prolonged storage and upon contact with some fountain solutions. Precautions must be taken to obtain a uniform dyne level that is not too high. Corona treatments can at times also dramatically increase troublesome static charges in the material treated. Therefore to avoid this, primer coatings that adhere to both the substrate and to the subsequently applied inks are used. This as one could well imagine is an elaborate and time consuming process that has been posing further challenges for the converters.

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For **UFLEX LIMITED**



(AJAY KRISHNA)  
Sr. Vice President (Legal) &  
Company Secretary

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With this problem statement at hand, India's largest multinational flexible packaging materials and Solution Company Uflex Limited has engineered a speciality polyester film F-UVC film which is suitable for direct UV offset printing without requiring any primer/ treatment. The film is available in both bare transparent and metallized variants, where the un-metallized side is used for UV offset printing and UV curing. The metallized polyester film i.e. FLEXMETPROTECT™ (F-UVC-M) is available in optical density ranging from 1.4 to 2.2. The wide range of optical densities gives choice to customer to use the product for diverse range of applications. The metal bond between the metal and the film is 130-180 gms/25mm.

**There are several benefits of Direct UV Offset Printable PET Film:**

- (a) It is suitable for direct surface printing without primer/ corona treatment;
- (b) The lead time is minimum at convertors' end;
- (c) Yields excellent print results, high gloss and clarity with high quality resolution for pictures and half tone jobs with good scuffing resistance;
- (d) It is suitable for high speed machines and is versatile, tear proof and crack resistant;
- (e) It offers excellent smoothness, flatness and ink adhesion.


**Mr. J.K. Sharma, AGM, Technical Service and New Product Development (Films), Uflex Limited** highlighting the benefits of the Direct UV Offset Printable PET Film said, *"Primer coating for rendering the films printable is a cumbersome and time consuming exercise at the Convertors' end. The coating machine is a big capital investment in itself. Therefore with this new innovation by Uflex, the convertors can heave a sigh of relief. Not only does the film increase operational efficiencies of convertors but also restricts their capital expenditure."*

Talking about this new speciality film, **Mr. Pramod Sirsamkar, President – Technical & New Product Development (Films), Uflex Limited** said, "This is a great product for UV curable offset printing giving excellent scuff resistance, adding value for both the customer and the end user. The demand for this film is very encouraging."

**Mr. Ashok Chaturvedi, Chairman and Managing Director, Uflex Limited** expressing delight at the new launch said, "Our feedback loop in the global market is very strong. We are always in touch with our clients globally and are promptly responsive to their needs. Convertors had been facing difficulties with primer coating of the films as it takes a lot of time. This had been impeding their productivity. I am happy that the team at Uflex addressed the pain point of convertors by engineering the UV Offset Printable PET Film, which now permits surface printing without any treatment."

*About Uflex*

*Uflex is India's largest end-to-end flexible packaging 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 100,000 TPA and has packaging film manufacturing facilities in India, UAE, Mexico Egypt, Poland and USA with cumulative installed capacity in excess of 337,000 TPA.*

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For UFLEX LIMITED  
  
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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, marinates & 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; Mondelez, L' Oreal, Britannia, Haldiram's, Amul, Kimberly Clark, Ferro Rocher, Perfetti, GSK, Nestle, Agrotech Foods, Coca Cola, Wrigley, Johnson & Johnson among others.

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