



PRODUCT GROUP 600

Series 660

2-C Screen Printing Ink for Synthetic Fabrics and Soft Materials



Highly opaque, silky glossy screen printing ink, based on extremely resistant basic raw materials for printing of various synthetic textiles and blended fabrics as well as flexible plastic materials like rubber, TPE, soft-touch-surfaces, a. s. o. User-friendly system in the technical/decorative field for long term outdoor use and graphical printing applications. Since the basic raw material have specifically been chosen for high requirements, outdoor applications, additional bonding with corresponding hardeners for increased chemical resistances and partially also better adhesion as well as weather resistance (for example Series 600-HDA [outdoor use] or Series 600-HDI [indoor use]) are a given fact. Hardener bonding can in some rare cases lead to embrittlement of the ink and thus result in bad adhesion.

Penetration into the substrate when applying onto strongly absorbing or rough substrates can be reduced or even completely eliminated by adding the special additive Series 10-03861 (addition ratio approx. 5% by weight, well disperse/mix). Higher mechanical or chemical resistances should only be applied after minimum 72 h of resting time.



SUBSTRATES

Polyamide (Nylon)	Polyester- blended fabric	Polyacetate	Synthetic blended fabrics
Rubber	Soft-Touch-Coatings	TPE	



USE

Application	Synthetics in the field of advertisement or acquisition (umbrellas, textiles, packaging's, carry-on bags, and much more), Sunshades for outdoor use, manifold applications in the sporting goods segment (bags, shoes, a. s. o.), rubber, soft-touch coatings, TPE (pre-tests).
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	43-80 Y PW PET 1000 up to 120-34 Y PW PET 1000
Drying / Curing	Jet / air, optionally oven drying
Further Processing	punching, cutting, washing



ADDITIVES

Thinner	Series 600-017	Addition Ratio	10 - 15% by weight
Retarder	Series 600-018	Addition Ratio	10 - 15% by weight
Hardener	Series 600-HDA	Addition Ratio	10 % by weight



VARIOUS

Delivery Conditions	1 kg / 5 kg / 25 kg
Other	Hold out additive Series 10-03861 (5-10% by weight) when penetration occurs with strongly absorbing or rough substrates



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Precautionary measures

Read material safety data sheet prior to processing. The material safety data sheets according to OSHA form contain indication of hazardous ingredients, TLV-level and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to processing as described in this technical leaflet. The statements in our leaflets have been made to the best of our knowledge and are given without any obligation. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the printing job. In case of any doubts please contact our technical advisors. The application, use and processing of the products delivered by us are beyond our control. This is subject to your responsibility and there is no liability or guarantee on our part. In case of justified complaints the manufacturer can only be made liable for the countervalue of the used ink system. Addition of not mentioned products or competitors products are on your own risk and releases Printcolor Screen Ltd. of any later demands, especially in cases of damage and loss caused by alien products. All former leaflets are no longer valid. (03/2009)