

Series 242-05/REFLEX

Solvent-Based Reflective Varnish

Series 242-05/REFLEX is part of Printcolor's Reflex range. These ink systems contain highly effective reflective particles, giving them a retro-reflective effect when exposed to light. The ink systems develop their maximum efficiency on dark substrates. The reflective inks are preferably used in advertising and automotive sectors (printing of reflective surfaces in advertising sector as well as for marking applications in outdoor areas), whereby special legislations apply to applications in public road traffic.

Series 242-05/REFLEX is a transparent reflective varnish with a metallic shimmer. The series can be tinted with our MS highly transparent inks (see color chart with the article number PM-2004). This results in optically colored ink layers which, depending on the angle of illumination, reflect colorful dark silvery or silvery.

If drying allows, the retarder Series 200-018 should preferably be used.

Post-varnishing reduces the reflection values and is therefore not advisable. The high reflection values of retro-reflective special films cannot be achieved with such ink systems.

Further details can be found in the Technical Data Sheet of Series 242.

Specifications

Thinner	Series 200-017
Addition ratio	10–20 % by weight
Retarder	Series 200-018
Addition ratio	10–20 % by weight
Cleaner	Series 200-URS
Mesh	43.80
Drying	Air / Continuous dryer (40–60 °C)
Substrates	Polypropylene (PP), coated paper, cardboards, uncoated paper, Tyvek
Indoor / outdoor use	Indoor
Further processing	Punching, cutting, laminating, grooving
Delivery conditions	1 kg, 5 kg, 25 kg
Shelf life	12 months

Important information: Our technical advice, whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence. (T30 / 09/2021)