

TECHNICAL DATA SHEET

1. DESCRIPTION

Euroflex Universal OPV High gloss lacquer suitable for overprinting labels of OTPP, OCTPP and chemically treated PET.

2. PRODUCT FEATURES

- Good water resistance
- Good scratch resistance
- Very high gloss
- Heat resistance 180-190°C

2.1 Technical Specification

- Solid content : 30% \pm 1
- Viscosity (Ford cup n°4) : 45 - 50"

3. Product Suitability

3.1 Applications Field

Before using, add 4% additive 130/165 to the lacquer.

Our suitable quality to print PP is Euroflex Ext , always to be used with 4% additive 130/165.

It is necessary to know the final use of the print in order to supply the shades formulated with specific pigments (light resistance, water resistance etc). In order to get a proper coefficient of friction and gloss degree, we suggest printing a solid of 1,5-2 g/sqm.

4. PRINTING CONDITIONS

4.1. Reducing solvent

Our lacquer 770/1367 is dilutable with ethyl acetate or with blends made of ethyl alcohol/isopropyl or ethyl acetate up to a ratio of 80:20. As a retarder our 602/187 may be used (metoxipropanol).

5. General Handling

5.1. Storage

- inks are considered highly flammable. Suitable precautions should be observed to avoid ignition sources.
- Temperature of storage: from 5°C TO 35 °C
- Shelf life: 12 months under above conditions

5.2. Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried about in accordance with good industrial practice, observing all the appropriate regulations and guidelines.

For more specific handling advice refer to the Safety Data Sheet (MSDS)

4. END-USE SAFETY

Acceptable technical performance of Euroflex inks is dependent on:

- a) Control of film weight (inks and adhesives)
- b) Adequate drying on press (to ensure that the print is dry before conversion)
- c) Control of any migratable substances within the print, film or adhesives
- d) Suitable adhesive used in accordance with supplier recommendations

Choice and control of film weight, drying, substrate and adhesives are printer technical requirements for which the Euroink Distribution technical team can provide assistance in the form of suggestions or direct support.

5. DISCLAIMERS

This list of applications, substrates and processes provided in this document is not exhaustive. Please contact your local Euroink Distribution representative for full technical evaluation of your application or process.

6. ASISTENTA TEHNICA/ CONTACT

For further information, please contact your local Euroink Distribution team.

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Our Products are intended for sale to professional users. The information herein is general information designed to assist customers in determining the suitability of our products for their applications. All recommendations are made without guarantee, since the application and conditions of use are beyond our control. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein. In no event shall Euroink Distribution be liable for damages of any nature arising out of the use or reliance upon this information. Modifications of the product for reasons of improvements might be made without further notice.
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