

## **TECHNICAL DATA SHEET**

### **Water based for PE**

- Description:** Water based inks for Flexo printing on Polyethylene.  
The inks are based on pigments approved for the external printing of food packaging, not in direct contact between the ink and the substrate.
- Main features:**
- Good printability.
  - Suitable for normal printing speeds.
  - Easy restart even after machine long stops.
  - Suitable for traditional rubber/anilox inking system and Doctor Blade /anilox inking system.
- Viscosity:** 25-35 sec. after the ink dilution with 10% water, tested in instrument ZAHN 2, 25°C.
- Grinding:** < 3 microns measured with instrument Hegman grindomete, model 232.
- pH:** 8.25 - 8.7 measured with pH meter, 25°C.
- Shelf life:** 12 months from the date of the production.
- Storage instructions:**
1. Water based preparations are subject to freezing, protect from frost, heat and sun exposure.
  2. Water based inks are non-flammable.
  3. Containers, not completely emptied, must be closed after use.
- Complementary products :**
- Tzahflex Extenders to reduce the strength without compromising the other physical features.
  - Flexo clean super for an accurate cleaning of the rollers.
  - Antifoaming: all our inks are especially conceived to be non foaming; it could happen only in very few cases or for very long runs, to be necessary to add few drops of antifoaming 20-30 gr for 10 kg of ink.



**General notes:** The data presented are based on experience and knowledge accumulated over the years. We reserve the right to update and/or change it without notice.

Obtaining the desired results is contingent upon correct product application while adhering to instructions of use. Please ensure you check before applying the product that it is indeed designed for the intended usage and that the surfaces to be printed are properly suitable to apply the product.