8100 Series
Unipol Single-Pak Screen Ink

SUBSTRATES: TREATED POLYETHYLENE, TREATED POLYPROPYLENE, SOME COATED METALS

USES: BOTTLES AND CONTAINERS

Product Information

Unipol is a one-package ink system formulated for the decoration of treated polyethylene, treated polypropylene and some coated metals. Unipol exhibits excellent resistance to a wide range of solvents, chemicals and products normally packaged in "poly" containers. This ink will exhibit good adhesion immediately upon drying while full properties will be achieved in 5 to 7 days. Unipol is not recommended for applications requiring extended outdoor exposure.

NOTE: For maximum shelf life, ink must be stored in a cool environment.

Application Information

Drying: Unipol inks will air dry in 8-15 minutes depending on ambient conditions. For best results, forced air drying at temperatures of 90°-180° is recommended.

Opacity: All colors opaque except toners.

Coverage: 1200-1800 square feet per gallon.

Thinners: Unipol inks may be thinned with RE185 Thinner or RE181 Retarder prior to use.

Clears/Extenders/Additives: 8126 Mixing Clear may be used to reduce color strength, or as a metallic mixing varnish (use approximately 1 1/2 pounds of gold powder per gallon, or 1/2 to 3/4 pound of aluminum powder per gallon). Only mix quantities of metallic needed for immediate use, due to limited shelf life.

Fabrics: 230 to 355 monofilament meshes.

Stencils: Photographic or water soluble hand cut film.

Wash Up: SW37 Universal Screen wash.

Packaging: Available in quart and gallon containers.

Color Range +

8110	Primrose Yellow
8111	Lemon Yellow
8112	Medium Yellow
8119	Fire Red
8120	Brilliant Orange
8124	Black
8175	Super Opaque White
8182	Carmine Toner
8183	Magenta Toner
8184	Maroon Toner
8185	Green Toner
8186	Blue Toner (GS)
8187	Blue Toner (RS)
8188	Violet Toner
8126	Mixing Clear
RE185	Thinner
RE181	Retarder
SW37	Universal Screen Wash

+ Based on information from our suppliers, these products are made from raw materials that contain less than 0.06% lead. If necessary, written certification of lead content and/or other heavy metals can be obtained through an independent laboratory. These products meet the CONEG toxic packaging legislation through random testing by an independent laboratory.

NOTE: For proper adhesion to polyethylene or polypropylene, the materials must be treated by flame or corona discharge to a level of at least 48 dynes/cm^2.

It is the printer's responsibility to pre-test the ink selected prior to engaging in a production run.