

# FOTECOAT 1811

Photopolymer Emulsion, Versatile & Economical for General Graphics Printing

## 1. DESCRIPTION

Resistant to solvent-based, UV-cured and plastisol inks. Easy to reclaim.  
Red color, 34% solids content and medium viscosity.

## 2. APPLICATIONS ADVANTAGES

Economically priced photopolymer with good price/performance value. Fast exposing (3X), no mixing, no diazo stains and long shelf life.

## 3. COATING TECHNIQUE

- ◆ 1/2 or 2/3 manually, wet in wet
- ◆ Dry print side down for wet in wet technique
- ◆ After an intermediate drying cycle dry print side up
- ◆ Machine coating: 1x up both sides simultaneously

## 4. STENCIL QUALITY

305-35 Yellow Polyester

2/3 coating - 12 µm EOM - 50 µm Resolution - Outstanding edge definition and mesh bridging

305-35 White Polyester

2/3 coating - 12 µm EOM - 120 µm Resolution - Good edge definition and mesh bridging



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## 5. STORING

This ready-to-coat emulsion should be stored in a closed can, protected from direct light. Protect also against freezing.

Condition	Service Life
Unsensitized, 65-77° F storage	2 years
Pre-coated screens in total darkness at 68° F	6 months

## 6. EXPOSURE TIMES

With 5KW metal halide lamp with photopolymer bulb at 100 cm distance and 100 operating hours:

Type of Mesh	Coating	Stencil thickness below mesh	Time (seconds)
305-35 dyed	2/3	12 µm	90
305-35 dyed	2/3	12 µm	70
110-90 dyed	1/2	12 µm	180
110-90 white	1/2	12 µm	140

## 7. REMOVAL

Standard reclaiming methods & equipment normally used to reclaim direct emulsion stencils can be used. Use Fotechem 2092 to remove ink residues. Apply Fotechem 2040 concentrated emulsion remover, diluted according to instructions, to remove the stencil. Use Fotechem 2086 haze remover to eliminate any stubborn stains or residues.

## 8. PACKAGING

Available in 1, 5 and 50 gallon containers.

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