



**Arpro M-Tec, LLC** introduces our **Meta-Flexeco B** metallic silver. This water-base silver has been developed specifically for blending with resin free dispersions. Imitation gold and other metallic colors can be easily achieved without dispersion shocking, thus providing excellent shelf-life stability, press performance and economics.

### Key features

- Clean printing and operator friendly requiring minimal maintenance on the press.
- Low cost alternative with good brilliance and printing characteristics.
- Low gassing.
- Excellent foam control.

### Properties

<b>Viscosity</b>	30-35 <sup>''</sup> / 3 Zahn (70° F)
<b>pH</b>	8.5 ± .5
<b>Average Particle size</b>	10.0 µm
<b>Heat Resistance</b>	250 °F, 40 psi, ½ sec dwell
<b>Rub / Mar resistance</b>	Fair ( <i>optimized by using a suitable water-based or UV OPV</i> )
<b>Water Resistance</b>	Good ( <i>optimized by using a suitable water-based or UV OPV</i> )

### Printing Suggestions

- **Recommended substrate types:** Label stocks (i.e. Krome-Kote, Semi-Gloss, and C1S), SBS board, corrugated paperboard, coated paperboards and calendared or machined UCL.
- **Recommended Blend Ratio:** Meta Flexeco B can be used at a 3:1 ratio (Meta-Flexeco B : Resin Free Dispersion).
- **BCM recommendation:** 4.5 to 5.5 BCM range is the ideal range recommended for fine printing whereas 5.5 to 8.0 BCM ranges is recommended for spot coverage.
- **Improving resistance properties:** Use water-based or UV overprint varnishes that provide high degree of water, rub/mar, and scratch resistance.
- **Wash-up recommendation:** Cleaner solutions typically recommended by anilox manufacturers are suitable.



**Do Not**

- Do not incorporate any inks, additives or pigmented dispersions that are high in alkalinity, this will cause excessive gassing, poor printing, loss of brilliance, rapid viscosity gain and lower the shelf life.
- Do not store metallic inks in temperatures over 95° F for extended periods.
- Do not mix metallic inks using high sheer mixers, doing this will cause pigment fallout and loss of brilliance.

\*\* We recommend allowing the ink to fully cure for 24 hrs. before testing for resistance properties.

DISCLAIMER – The information compiled and provided on this data sheet are reported as tested under controlled conditions, however it is the buyers responsibility to determine the fitness and suitability of its end use. Arpro M-Tec, LLc reserves the rights to alter any data as a result of ongoing new technical and manufacturing process development for this product

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