

White Coating for Drink, Aerosol, and 5-Gallon Cans TW-1407 Series

It is acrylic type white coating developed for the external surface of drink, food, aerosol, and 5-gallon cans. It excels in smooth, spot and hiding properties and enables superior printing effects. In recent year, with the increase of printing speed the troubles such as misting, curtaining, bubble entrainment, back transfer, and defective surface, etc., occur easily. TW-1407 series' design takes all these problems into account.

■ Features

- ▶ Enables excellent smoothness and offers superior hiding property.
- ▶ It withstands neck-in processing of drink cans and frame processing of gallon cans.
- ▶ Excels in spot property.
- ▶ Excellent retort resistance.
- ▶ Excels in adhesiveness to UV inks.

■ Applications

Tin plates, TFS plates, and new materials such as TNS plates.

■ Usages

- ▶ Reducer solvent: Use No.86 Solvent
- ▶ Coating viscosity: Generally it can be used as is, however, adjust the viscosity according to coating conditions (coating speed, solution temperature).
- ▶ Standard film thickness: $160 \pm 20 \text{mg}/100 \text{cm}^2$
- ▶ Baking condition: $190^\circ\text{C} \times 10 \text{mins}$ (Differs in some types).

■ Handling Instructions

- ▶ Stir well prior to use. Make sure to not mix it with other paints.
 - ▶ It is designed to withstand continuous retort, however, retort resistance is greatly influenced by the performance of ink and gloss varnish.
 - ▶ Conduct pre-use test in actual use conditions.
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- ▶ The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.
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