

903 Plate Baking Gum

Thermal Gum for Plate Baking

Technical Data Sheet

DESCRIPTION

903 Plate Baking Gum is an offset printing aluminium protecting gum formulated with a blend of stable synthetic gums, suitable for use on all types of positive and negative printing plates. It protects the image areas and non-image areas of the aluminium plates against oxidation during the baking process.

DIRECTIONS FOR USE:

Maximum 1 part of 903 Plate Baking Gum concentrate with 1 part of water (clean with neutral pH) is mixed to suit the printing plate used. Apply the Gum with a clean sponge and then dry the plate. The product can be used in a developing machine. The plate needs to be baked following the temperature instructions of the manufacturer. Baking temperature is best at <250°C. After the plate cools down, it can be used for printing without further treatment. For longer storage, the gum should be removed and the plate/s should be preserved with normal gum. The same procedure is also used for CTP plates.

FEATURES AND BENEFITS:

- Is stable under high temperature (up to 250°C).
- Spreads evenly over printing plate and leaves no gum streaks.
- After baking process maintains water receptivity.

SPECIFICATIONS:

Appearance: Clear to yellowish solution.

Boiling Range: > 100°C

Specific Gravity: 1.045 - 1.055 g/ml @ 25°C

Volatile contents: Approximately 90% w/w

pH: 6.5 - 7.0

Solubility in water: Soluble in all ratios.

Viscosity: < 55 cps @ 25°C



HMIS RATING

HEALTH	0
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

PACKING

5 Ltrs x 4