



# **SUMINISTROS**

## **100% PURE GUM ARABIC 14° BE**

**PX-550-438**

### **All Purpose, Pure Gum Arabic Solution 2438**

#### **DESCRIPTION**

Anchor's 100% PURE GUM ARABIC 14° BE' is, as the name implies, 100% pure gum arabic. The only additive is a minute quantity of a preservative to prevent souring, as any vegetable product solution is apt to do. It has a pale yellow color and is made to a standard consistency of 14° Baume'. It is processed in glass-lined, stainless steel tanks to prevent contamination, strained and filtered extensively to guarantee purity. No foreign material or undissolved particles which might scratch a plate can get through.

Gum arabic is a natural gum that comes from Acacia trees; and in lithography, it is used to desensitize plates and as an ingredient in fountain solutions. None of the other gums, such as mesquite, gum, larchgum, dextrine and cellulose gum, possess the same colloidal properties found in gum Arabic, and hence do not perform as well as gum arabic when it is part of the fountain solution.

#### **FEATURES**

- Made of 100% PURE GUM ARABIC - contains no substitute.
- Can be used as a fountain solution additive.
- Can be used by hand or in any plate processor.
- Resists souring.
- Microfiltered.

#### **DIRECTIONS**

**Fountain Solutions** - To prepare fountain solution using a fountain etch concentrate which does not already contain gum, add 1 ounce of 100% PURE GUM ARABIC 14° BE' to 1 ounce etch and mix with enough water to make 1 gallon. If desired, other additives such as fungus arrestors and AQUA AYDE can also be added in the proper amounts.

**Gumming Plates** - As a plate gum, either in the plate room or on the press, a 14° Be' gum is usually considered to be too viscous to spread a thin film smoothly and evenly across the plate. For this purpose, an 8° or 10° Be' is better.

To convert 100% PURE GUM ARABIC 14° BE' to a lower viscosity, mix with water in the following proportions:

- 12° Be' = 28 oz. 14° GUM ARABIC + 4 oz. water
- 10° Be' = 23 oz. 14° GUM ARABIC + 9 oz. water
- 8° Be' = 18 oz. 14° GUM ARABIC + 14 oz. water
- 6° Be' = 13 oz. 14° GUM ARABIC + 19 oz. water

If kept away from freezing and/or extremely high temperatures, 100% PURE GUM ARABIC 14° BE' has a long shelf life.

