Metaloc S-7

Adhesive for bonding Fluoroelastomers to Metals and Fabrics

METALOC S-7 is an adhesive used for bonding unvulcanized Fluoroelastomers to metals, stainless steel, fibers or other rigid substrates. The bond formed with METALOC S-7 has superior resistance to oils, heat and performs in corrosive atmospheres.

TYPICAL PROPERTIES

Color	: White or pale yellow
Composition	: Dissolved organic silicones and dispersed solids in a Methanol solvent system.
Reactive material	: 10-12 %
Specific gravity	: 0.83 Mg/m^3
Flash point	: 8.0°C
Diluents	: Methanol or Ethanol
Shelf life	: One year

APPLICATION AND HANDLING

Proper cleaning of the substrates is an important factor in the bonding operation. The metallic or non-metallic substrate must be cleaned of all oils, grease, rust, scale, dirt of other contaminants by suitable mechanical or chemical methods.

METALOC S-7 must be stirred before and during use.

METALOC S-7 may be applied to metals by **brushing, spraying or dipping.** It can be brushed full strength and maybe thinned with Methanol or Ethanol for dipping or spraying. With reasonable care, 1 Kg of METALOC S-7 will cover approximately 100-200 m. Do not return used adhesive to original container.

METALOC S-7 should dry for at least 10 minutes at room temperature or 5 minutes at 50C before bonding. The coated parts should be used within 7 days. They should be given another coat of adhesive if they are not used within this time period. For good bonding, prebaking of the adhesive is desirable. METALOC S-7 will resist prebaking conditions same to 1st cure times and temperature.

METALOC S-7 will bond elastomers during the curing process by most commonly used vulcanizing techniques.

CAUTION

Contains volatile solvents. Keep away from heat, sparks or open flame. Use adequate ventilation. Avoid prolonged breathing of vapors and mists. Avoid contact with skin, eyes and clothing. Do not take internally.