

## HTS 901

### BUTYL RUBBER ELASTOMER

#### PHYSICAL DESCRIPTION

HTS 901 is a two component elastomeric butyl rubber membrane. HTS 901 exhibits a dense polymeric surface that has an extremely low permeability rating making it the best elastomeric coating available for applications requiring a vapor barrier such as cold storage vessels or projects involving resistance to acids, caustics or salts. HTS 901 can be applied over a variety of substrates including urethane foam or HTS approved geo-fabrics. It is recommended that a UV stable topcoat be used over the HTS 901. Call HTS for recommendations.

#### FEATURES

Cold Temperature Flexibility  
Standard Airless Pump Applied  
Excellent Chemical Resistance

Low Permeability  
Excellent Tensile Strength Properties  
High Solids

#### TECHNICAL SPECIFICATIONS

Theoretical Coverage 737 mil sq. ft./US gallon\*  
Color: Grayish Only  
Recommended Thickness: 20 - 40 dry mils  
\*Allow 10 - 15 % extra material for waste

#### ORDERING INFORMATION

5 US Gallon kits  
Weight: 65 pounds per kit  
Freight Class: Solvent Solution UN 1139

#### APPLICATION INFORMATION

##### Mixing

Power agitate components individually prior to adding A and B together in a clean container. Power agitate for 8 to 10 minutes or until thoroughly mixed. Remember HTS 901 is a pot mix product, do not mix more coating than can be used within the pot life of the system. Minimum application temperature is 50 degrees F. Do not apply over damp substrates or when poor weather is imminent or within four hours of application. Do not apply without ventilation in enclosed areas.

##### Pot life

Material Temperature	Potlife
75 F	1 hour
95 F	30 minutes

Potlife of coatings are drastically shortened by high temperatures. Dark hoses should not be exposed to the sun for more than a few minutes after spraying has stopped.

Thinning of this product is not normally necessary. Use Xylene if required. \_\_\_\_\_

### Equipment

HTS 901 is designed for application by 45:1 airless pumps capable of maintaining 3500 psi output. Reversatip spray guns with tip sizes of between .026 and .036 are recommended. Use xylene for cleanup and flushing of equipment.

### Recoat

As soon as cured or within 5 days of coating application.

PROPERTIES OF HTS 901		
MIXING RATIO	A:B by volume	24A to 1B
SHELF LIFE		6 months
SOLIDS by volume	calculated	46 %
TENSILE STRENGTH	ASTM D 412	325 psi
ELONGATION %	ASTM D 412	80 %
PERMEABILITY, U.S. PERMS	ASTM E 96 (B)	.0006 perms
HARDNESS	ASTM D 2240	65 A
ACCELERATED WEATHERING	ASTM D 822/G53	1000 hours-passed
WATER ABSORPTION	ASTM D 471	0.5 %
LOW TEMPERATURE FLEXIBILITY	ASTM D 1737	-50 F 180 degree bend
FLASH POINT		45 F

Material Safety Data Sheets are available on this coating material. Individuals who may come in contact with these products should read and understand the Material Safety Data Sheet.

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