



## Black & White Sealant Tech Data Sheet

### A. Product

Ag-Tite spray sealant is a nominal 3.0 lb/ft<sup>3</sup> density spray applied polyurethane sealant formulated with water as the sole blowing agent. The product has been specially tinted a deep black or white color. The hardness of the final foam has been increased over foams of a similar density to make it suitable for use in a wide range of agricultural and commercial applications.

### B. Product Description

AG-Tite spray sealant is a two-part, soy-based product installed using custom designed application equipment. When installed, Ag-Tite expands to completely fill all voids to effectively seal against air and water infiltration—often the major source of heat/cooling loss. It is available in either white or black colors.

### C. Manufacturer

The chemical components are manufactured by *BioBased LLC*.

### D. Technical Data

Physical Properties	Value	ASTM Test Method
Core Density, pcf	3.0 lbs/ft	C 1622
Closed Cell Content	> 90 %	D 2856
Compressive Strengths	42 p.s.i.	D 1621
Surface Burn Characteristics	0.62 inches	
Flame Spread	< 25 – Class 1	E 84-04
Smoke Development Index	< 450 – Class 1	E 84-04
Dimensional Stability		
82 C Ambient Humidity	Less than 1%	D 2126
23 C 50% Relative Humidity	Less than 1%	D 2126
Water Vapor Permeability @ 1/2" thickness	1.48 perms	E 96
Air Permeability @ 1/2" thickness	0.069 L/s/m	E 283
Thermal Transmission @ 1/2" thickness	R – 3.0	C 518

### E. Substrate Conditions

Ambient Temperatures	50 – 120 Degrees F
Ambient Moisture	< 85% Relative Humidity
Substrate Temperature	50 – 120 Degrees F
Substrate Moisture Content	, 12% Moisture Content

## F. Containers

A set of chemicals for AG-Tite spray sealant consists of the following:

- one (1) 55 gallon drum of 'A' component
- one (1) 55 gallon drum of 'B' component

The shipping weight for each set is 1032 lbs (468 kg).

## G. Storage

For both 'A' and 'B' components — store between 64° and 86°F (18° and 30°C).

## H. Application

Ag-Tite is installed by certified technicians that specialize in the installation of spray foam. Once Ag-tite has been sprayed, curing takes only a few minutes. Product should be mixed at a 1:1 ratio. It is recommended that Ag-Tite be installed in single passes giving rise to a ½" of sealant on each pass. Allow for a cool down period between successive passes.

## I. Installation Specifications

- Pressure ..... 1000 psi ±200 psi  
(76 bar ±14 bar)
- Mix drum ..... 2 hours ± 0.5 hour

- Drum temperatures ..... 90°F ±5°F  
(27°C ±3°C)
- Temperature of block heaters and hose ..... 135°F ±15°F  
(49°C ±8°C)

Complete, thorough and accurate recirculation of the components prior to spraying is critical to obtain good yields. Contact Ag-tite for a list of approved recirculation equipment.

## J. Warranty

Ag-tite carries no express warranty at this time. Final determination of suitability is the responsibility of the user.

## K. Technical Support

For technical support, please contact Ag-Tite @ 1-866-877-3626 or at [www.ag-tite.com](http://www.ag-tite.com).

## L. Disclaimers

- Ag-tite must be separated from living areas by a 15 minute thermal fire barrier.

## In case of Chemical Emergencies:

Call Chemtrec @ (800) 424-9300

Or collect @ (703) 527-3887