



Designing and Manufacturing Adhesive & Sealant Solutions

BP-300 Non-Skinning Butyl Sealant

Product Data Sheet

Description

BP-300 is a non-skinning, non-hardening, permanently flexible gun grade compound. It maintains a positive airtight seal by remaining both permanently adhesive and flexible to all of the substrates that it is applied to. The sealant is non-staining and non-bleeding, but does not accept paint.

Features	Benefits
Excellent adhesion to multiple substrates	Adheres to clean concrete, gypsum, metal, glass, plastic and wood surfaces without primer
Excellent gunnability, even at low temperatures	Wide application temperature range
Flexible, even at extremely low temperatures (-40° F)	Wide service temperature range
Water resistant, even under immersion conditions	Long term moisture barrier
Non-skinning and non-hardening	Permanently flexible

Basic Use

ACOUSTICAL SEALANT

Reduces sound transmission of partition systems. It will effectively increase the Sound Transmission Class (STC) value by as much as 65% by properly sealing partition openings. The sealant is non-bleeding and will not stain walls.

ROOF PANEL RIB SEALANT

A good balance of cohesion and adhesion to painted and aluminized steel panels as manufactured on a roll forming machine without further cleaning, pretreatment or other surface preparation at erection temperatures from 20° F to 140° F.

VAPOR BARRIER SEALANT

Maintains a positive airtight seal by remaining both permanently adhesive and flexible to all of the substrates that it is applied to.

BEDDING SEALANT

Used as a buck frame, threshold or bedding sealant when applied to metal or glass surfaces.

CURTAINWALL SEALANT

Prevents air infiltration and water leakage to unexposed curtain wall joints.

Applicable Standards

AAMA 809.2
NAAMM SS-la-68

Packaging

10.3 fl. oz. (305 ml) cartridge
(10 cartridges per case)

Available Colors

Black / Bronze & Gray

Application Instructions

1. All surfaces must be clean and dry.
2. Apply with a standard caulking gun.
3. Cut nozzle to desired bead size. Puncture inner seal.
4. Apply at a 45° angle using constant pressure.
5. Use at room temperature for ease of gunning.
6. Support tooled or joined surfaces for 8 hours minimum.
7. Use mineral spirits or VM&P Naphtha to remove excess material.

Limitations

All surfaces to be sealed or bonded must be clean and dry.

Health & Safety

For all ADCO products, and for other products used in conjunction with ADCO products, users must follow individual product data sheet and Material Safety Data Sheets (M.S.D.S.) for health and safety precautions. Always use protective eyewear.

Clean-Up

With VM&P Naphtha or Mineral Spirits

Availability/Cost

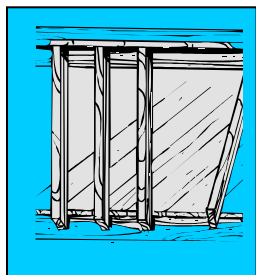
Availability and cost can be obtained from your local ADCO Products, Inc. distributor or representative.

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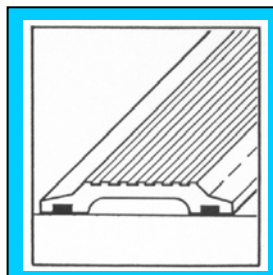
Technical Data		
Physical Properties		
	<i>Typical Values</i>	<i>Test Method</i>
Base Polymer	Synthetic Rubber	FTIR
Aged Tack	Permanently Tacky	ASTM D 2377
Shrinkage	20% Maximum	ASTM D 2453
Sag	0.15" Maximum at 158° F	ASTM D 2202
Peel Strength	>0.5 pli with no loss of bond	ASTM C 794
Press-Flow Viscosity	40 Seconds Maximum	ASTM D 2452 (modified)
Hardness	30 – 40	Shore 00 Durometer
Permeability	1 Perm Maximum	ASTM E 96
Adhesion	Excellent to most clean surfaces.	ASTM C 794
Weathering	Very slight color change; No adhesion loss, no cracking, no wrinkling or oil exudation.	ASTM G 53 , QUV Chamber
Water Immersion	No adhesion loss, no shrinkage, no chalking.	ASTM D 870
Flash Point	105° F (40° C)	ASTM D 56
VOC Content	100 grams / Liter Maximum (0.83 pounds per gallon)	ASTM D 3960
Solids Content	85% Minimum	ASTM C 681
Weight / Gallon	10.5 +/- 0.40 lbs	ASTM D 1475
Specific Gravity	1.26 +/- 0.05	ASTM D 1475
Application Data		
Service Temperature	-40° F to 250° F	ASTM C 1257
Application Temperature	20° F to 140° F	ASTM C 603
Storage	68° F to 110° F	ASTM D 1337
Shelf Life	One Year	ASTM D 1337
NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.		



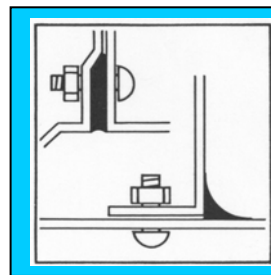
Vapor Barrier



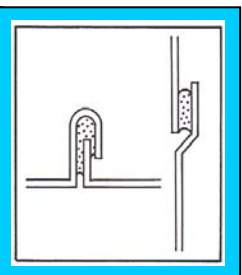
Acoustical



Thresholds



Non-Working Joints



Metal Buildings