

#900 Solar Seal



Terpolymer Elastomer/Adhesive Sealant

#900 SOLAR SEAL is based on terpolymer technology which offers an alternative to silicone & urethane sealants.

High performance terpolymer elastomers impart exceptional weather resistance, adhesion, elongation and color fade resistance to #900 SOLAR SEAL.

- Approximate coverage 14 Lin. ft./tube
- PRIMERLESS
- PAINTABLE

Joint Design

- Maximum joint & sealant width is 3/4"
- Maximum sealant depth is 1/2"
- Minimum application depth is 3/8"

Construction Standards

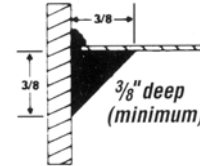
Meets performance requirements of TT-S-00230c, Class A, Type II and ASTM C-920, Type S, Grade NS, Class 25, Use NT, except for weight loss.

Colors

- Clear, White, Black and over 200 NPC standard colors.
- Mfg. Name & Color stamped on each plunger.
- Custom colors available in low minimum quantities.

General Information

- Shelf life: 1 Year @ 75°F
- Substrate temperature : 11°/125°F
- Service temperature : -4°/300°F
- Cure rate: ~ 75°F
 - a) Thin skin in 24 hrs.
 - b) Complete: 21 days @ 75°F



Performance Data

Bond cohesion	TT-S-230c	No Bond Loss
Shore a hardness	TT-S-230c	30 Average
Stain index	TT-S-230c	None
SAG	TT-S-230c	No SAG
UV & cold exposure	ASTM C 920	No Cracking
Elongation	ASTM-D 412	300% - 400%
Tack free time	ASTM-C-679	4 hours
Adhesion-in-peel	TT-S- 1543	30 lbs/in

Expected life: 20+ years when bead is installed as directed for approved applications.

Sonolastic® NP 1™

One-Component Elastomeric Gun-Grade Polyurethane Sealant



Coverage

Joint Depth (In.)	Linear Ft. per Gallon* Joint Width (Inches)						
	1/4	3/8	1/2	5/8	3/4	7/8	1
1/4	308	205	154	122	---	---	---
3/8	---	---	---	82	68	58	51
1/2	---	---	---	---	51	44	38

* One gallon equals approximately 12 cartridges or 6 ProPaks.

Typical Properties

Property	Result
Service temperature range, °F (°C)	-40 to 180 (-40 to 82)
Expected Life	Up to 20 Years
Shrinkage	None

Where to Use NP 1™

- Concrete
- Masonry
- Aluminum
- Wood
- Expansion Wall Joints
- Curtain Wall Construction
- Panel Walls
- Precast Units
- Aluminum and Wood Window Frames
- Fascia
- Parapets
- Structural Components
- Vinyl Siding
- Interior and Exterior

Order Information

Packing:

- 300 mL Cartridges, 30 Cartridges to a Carton.
- 20 U.S. fl. oz. (590 mL) ProPak Sausage Cartridges, 20 ProPaks to a Carton.
- 4.5 gallons (17.0 L) in 5 gallon pails (18.93 L) available in special orders only.

Shelf life is 1 year for cartridges and ProPaks, and 4 months for pails when stored in unopened containers under normal conditions. Storing at elevated temperatures will reduce shelf life.

Colors

A complete line of standard color is available, including White, Off-White, Limestone, Stone, Tan, Aluminum Gray, Medium Bronze, Special Bronze, Redwood Tan, and Black.



Sonneborn
ChemRex Inc.