APS 500™

ADVANCED POLYMER SEALANT

APS 500 is formulated to provide superior adhesion, excellent resistance to weathering and is compatible for use with a variety of substrates. Supplied in plastic tubes with screw-on nozzles. Available in smooth or textured finish.

Over 42 Colors Available!

100 *White	101 Shasta White	102 Antique White	104 *Off-White	150 *Tan	151 *Almond	152 Sandstone
153 Brownstone	154 Sierra Tan	155 Dessert Sand	110 *Black	200 Gray Metallic	201 Copper Metallic	120 Brown
121 Cocoa Brown	130 *Dark Bronze	131 *Medium Bronze	132 Light Bronze	170 *Stone	171 Dark Clay	160 *Hunter Green
161 Hemlock Green	162 *Patina Green	163 Forest Green	164 Green	180 Hawaiian Blue	181 Regal Blue	182 Electric Blue
183 Caribbean Blue	190 Limestone	191 *Aluminum Gray	192 Slate Gray	193 Dark Slate Gray	194 Lead Gray	195 Charcoal Gray
196 *Gray	145 Redwood	140 Burgandy	141 Colonial Red	142 Terra Cotta	143 Regal Red	144 Vermilion Red

*Denotes stock colors. | ***Actual color may vary. Contact your local distributor.***

Applications

- ***Window Trim***
- ***Doors & Skylights***
- ***Siding***
- ***Metal Architecture***
- ***Curtain Walls & Joints***
- ***Coated Metal Roofs***

Performance

- ***Paintable***
- ***VOC Compliant***
- ***Fast Curing***
- ***Installs at -35°F - 140°F***
- ***Non-Yellowing***

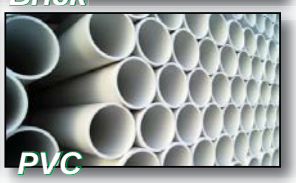
Do you need a custom color?
We can match your specific needs!

Product Specifications

Physical Property	Test Method	Typical Value
Tensile Strength	ASTM D412	205 psi
Elongation	ASTM D412	650%
Shore Hardness	ASTM D 2240	25 +/- 5
Service Temperature		-40ºF to +400ºF
Join Sealant Designation	ASTM C920	Type S, Grade NS, Class 50, use T, NT, G, M
[1]Adhesion and Cohesion	ASTM C719	Pass on glass, aluminum and concrete for +/- 50% movement
[1]Adhesion-in-Peel, 2 inches/ minute @ 25ºC, N (lbf)	ASTM C794	Aluminum 37pli Glass 35pli Concrete 34pli
Staining	ASTM D2203	None
Lap Shear	ASTM 961-06	190 psi
VOC	EPA Method 18	9 g/L (0.14%)
Low Temp. Flexibility	ASTM C 711	Pass -10 deg. F. ¼ inch mandrel
High Temp. Flexibility	Industrial Method	Up to 425 deg. F for short periods
Cure Rate	Industrial Method	1/4" Bead per 24 Hrs
Skin Time Cure Time	Industrial Method	40° F at 40% humidity 40 minutes 2 - 3 days 75° F at 50% humidity 10 minutes < 24 hours 95° F at 95% humidity 5 minutes

*The values outlines reflect testing that was conducted on laboratory prepared specimens, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

Bonds To



Distributed by

Limited Warranty: Satisfaction guaranteed when handled and applied according to label.

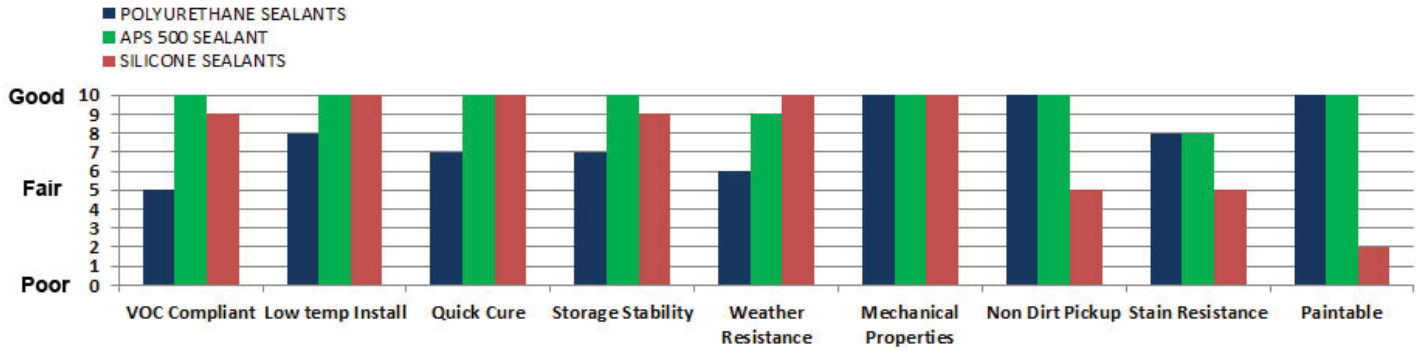
JC081913

Visit www.APS500.com for Information and Authorized Distributors

Sealant Performance Comparison Chart

APS 500 ADVANCED POLYMER SEALANT

This information compares the performance of various types of sealants. APS 500 Advance Polymer Sealant is formulated to have similar characteristics of both polyurethane and silicone sealants.



The versatility of APS 500 is unmatched compared to other types of sealants.

Why Advanced Polymer Sealants?

Advance Polymer Sealant combines the strength of polyurethanes with the weathering resistance of silicones. In addition to their high performance properties, this sealant is solvent free and isocyanate-free.

Advanced Polymer Sealant has high performance capabilities with many of the same characteristics as a urethane sealant, however, these sealants cure much faster than one-part polyurethanes. The skin formation (15-20 min.) occurs faster than silicones and urethanes, producing less dirt pick up.