

# AP 502



## NEO-FLEXX BRUSHABLE NEOPRENE SEALANT Data Sheet

**COMPLIANCE:** Exceeds performance requirements of ASTM D 4479, ASTM 6511, ASTM D 3409. MIAMI-DADE APPROVED. ASBESTOS FREE.

**DESCRIPTION:** APOC® 502 Neo-Flexx Brushable Neoprene Sealant is a high performance, long-lasting, highly elastomeric sealant for use in a variety of applications. APOC® 502 is manufactured using 100% Neoprene Rubber to provide exceptional performance and durability. APOC® 502 is a versatile sealant ideal for repairing cracks and splits in built-up roofs, modified bitumen, metal and some single ply membranes. APOC® 502's consistency also makes it an ideal sealant for filling and repairing pitch pockets. Do not use for adhering shingle tabs or any other roofing material. This is not designed as an adhesive product.

**SURFACE PREPARATION:** All surfaces to be treated with APOC® 502 must be clean and free from standing water, rust, oil, grease, and other foreign materials. The surface must be firm and free from loose material or excessive dust. On very porous surfaces such as concrete, stucco, and insulation, priming with APOC® 103 Primer is recommended before application.

**APPLICATION:** For exterior use only. Cracks should be filled evenly - 1/4" minimum, 1/2" maximum width. Be sure cracks are not underfilled. It is also highly recommended to install a layer of polyester fabric using 3 course method. Pitch Pockets should be filled to within 1" of top with sand, lightweight concrete or other non-shrink filler. Install a separation sheet and prime all surfaces including metal sides. Once cured, brush seal all metal surfaces and corners using 502. Next, pour the APOC® 502 to a maximum depth of 1" ensuring all voids are completely filled and sealant is fully adhered to metal. Permit to dry 72 hours and apply APOC® 501 over top of pocket canting material from center (protrusion) to outside edge at a 45° angle. Pipe Wrap see wrap and target detail for pipes, angles, beams and square tubes.

**COVERAGE:** Coverage will vary with thickness of application and porosity of surface. Coverage rate is approximately 12 1/2 sq. ft. when applied 1/8" thick depending on surface and application. Product may run or drip on steep slope or vertical surfaces or if applied to heavy.

**STORAGE:** Storage of material should be in a cool, shaded area during hot weather and as close as possible to room temperature during cold weather.

**PRECAUTIONS:** This product contains strong solvents. When working around ventilation units or HVAC equipment, ensure proper fume mitigation procedures are taken to avoid fumes and / or odors from entering air handling equipment and building. Shelf life is approximately 1 year from date of manufacture. Storage in warm temperatures will decrease shelf life. May crack or craze some plastics. Storage of materials should be in a cool, shaded area during hot weather and as close as possible to room temperature during cold weather. When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 110°F. Do not reuse empty containers. Do not use in drinking water or food systems. Seal container when not in use.

**CLEAN-UP:** Tools are best cleaned with Xylene.

### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	9.8 lbs.
Residue by Evaporation	40 min.
Elongation (ASTM D-562)	250% min.
Permeability (ASTM D-1653)	<5 Perms
Consistency	Brush or Trowel
Skin Time (50% Relative Humidity, 70°F)	15 minutes
Full Cure (50% Relative Humidity, 70°F)	7-10 days
Application Temperatures	40° - 110°F
Flammability	87°F
Clean-up Tools	Xylene

**Approx. Shipping Weights:** (Note: All approx. weights include container.)

1 gallon (3.8L)	10.7 lbs.
3 gallons (11.36L)	32 lbs.

### CAUTION – FLAMMABLE. CAUTION!: HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN AND RESPIRATORY IRRITANT.

Contains petroleum based products. Keep away from heat, sparks and open flame. If swallowed DO NOT induce vomiting. Call physician immediately. In case of : Eye contact - flush with large amounts of room temperature water for 15 minutes; Skin contact - wash thoroughly with soap and water; Irregular or stopped breathing - administer oxygen, give artificial respiration and get medical attention immediately. Avoid prolonged breathing of vapor or spray mist.

**FOR EXTERIOR USE ONLY**  
**Use with adequate Ventilation**  
**Keep Out of Reach of Children**  
**VOC/VOS - 420 g/l max. (3.8 lbs./gal.)**

CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

**WARRANTY AND DISCLAIMER:** To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact APOC to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with APOC warranty procedures and program.

For limited warranty and disclaimer information, visit our website at: [www.apoc.com/productwarrantyinfo](http://www.apoc.com/productwarrantyinfo).

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See MSDS for more info



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