

**DP**

# 1010 Spray

## WATER BASED DUCT SEALANT



**A smooth, water based, premium quality, UL Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use. DP 1010 Spray is specially formulated for easy spray application for lower installed cost.**

### Recommended Uses:

**DP 1010 Spray** is recommended for sealing joints, seams, and duct wall penetrations.

**DP 1010 Spray** is recommended for sealing connections on flexible duct.

**DP 1010 Spray** is recommended up to 15 inches water column pressure.

### Features and Benefits:

- **LEED** Qualified
- GREENGUARD Gold Certified
- UL Listed
- Low VOC
- Meets Requirements of NFPA 90A & 90B, ASTM E-84, and UL-723
- Meets CDPH Emission Requirements
- Excellent Water and U.V. Resistance
- Meets FDA, USDA, and EPA Standards
- Easy Spray Application
- Crack and Peel Resistant
- Mold and Mildew Resistant
- Excellent Dry Adhesion
- Indoor and Outdoor Usage
- Minimal Shrinkage
- Sag Resistant
- Paintable with latex or epoxy paints after cured

### Directions For Use:

**Uses:** DP 1010 Spray may be used to seal joints on metal, flexible and fiberglass duct board supply and return air duct.

**Surface Preparation:** Surfaces should be clean, dry and free of dirt, oil and any foreign matter.

**For sheet metal duct:** DP 1010 Spray should be applied to all connections according to SMACNA standards. Apply DP 1010 Spray on all duct seams, TDC/TDF, and applied flange corners. Apply to all penetrations in the duct wall including sheet metal screw heads and tie rods.

**For round and oval spiral duct:** Apply DP 1010 Spray to the male section of the fitting or to the inside slip duct coupling. Secure with sheet metal screws per manufacturers requirements. Apply a 2-inch band of DP 1010 Spray around outside of joint, covering all screws.

**For rigid fiberglass air duct:** Assemble sections according to the manufacturers recommendations. Apply a 3-inch by 20 mil band of DP 1010 Spray to the joint. Embed a fiberglass scrim (5 mil, 20 x 10 plain weave, 1.75 oz per sq. yd.) in the sealant and apply another 20 mil coat of DP 1010 Spray over the scrim.

**For flexible duct:** Install flexible duct per manufacturers instructions using drawbands or mechanical fasteners. Apply DP 1010 Spray at a rate of 80-90 sq. ft. per gallon (20-40 mils) between the end of the duct and the collar in a 2-inch band. Use DP 1010 Spray to seal all connections of collar to metal duct or rigid fiberglass ductboard.

**Pressure Testing:** Allow at least 48 hours before pressure testing. Since temperature and humidity conditions may vary, longer cure times may be required for specific installations.

**Do not apply when rain or freezing temperatures will occur within 36 hours. Do not thin.**

### Technical Data:

**Color:** Gray

**Base:** Water

**Chemical Family:** Synthetic Latex

**Solids Content:** 70 ± 2%

**Viscosity:** Approx. 100,000 - 200,000 cps

**Application Temperature:** 40°F - 110°F

**Storage:** 40°F - 110°F. Do not freeze. If product freezes, allow to return to room temperature before applying.

**Freeze/Thaw Stability:** 5 cycles no deterioration (DPTM-20)

**Service Temperature:** -25°F - 200°F

**Flammability:** Non-flammable wet or dry

**Flash Point:** No flash to boiling

**Shelf Life:** 2 Years (unopened containers)

**Cure Time:** 24-72 hours depending on temperature, humidity, and application

**Coverage:** Dependent on application thickness, 80-90 sq. ft. at 20-40 wet mils

**Clean Up:** Use warm water and soap

**Packaging:** 5 gallon pails, 54 gallon drums

**Pressure Classes:** Meets all SMACNA pressure classes

**Seal Classes:** Meets all SMACNA seal classes

**VOC:** ≤ 3 g/l

ASTM E-84 SURFACE BURNING CHARACTERISTICS  
 DP 1010 Spray Duct Sealant applied to inorganic reinforced cement board  
 Flame Spread: 0 Smoke Developed: 0  
 Test applied in two 2" wide strips 8" on center (coverage 16% of the exposed test sample area) at a spread rate of 250 sq. ft. per gal.  
 Flash point of finished sealant, closed cup. No flash to boiling.

UNDERWRITERS LABORATORIES INC.  
 LISTED ADHESIVES

16UK  
 UL 181 B-M

For use with UL Listed flexible air ducts or connectors



A Meridian Brand

5655 E. North Belt Road, Las Vegas, NV 89115  
 Toll Free 800.641.0808 | Phone 714.432.0600  
 Fax 714.432.0660 | [www.designpoly.com](http://www.designpoly.com)