

# High Performance Green Building Products

Since 1985



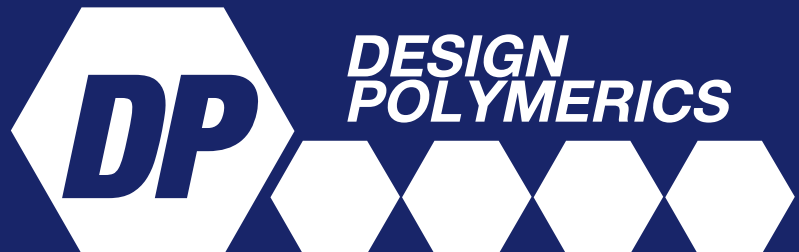
Sealants

Adhesives

Indoor Air Quality

Insulation Mastics

Accessories



Product Guide

# SEALANTS



## DP 1010



### WATER BASED DUCT SEALANT

A premium grade, Zero VOC, smooth, water based, UL Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use. The consistency of DP 1010 allows for better coverage and ease of application. It exceeds all SMACNA seal and pressure classes and is recommended to +15 inches water gauge pressure.

- Premium grade with smooth consistency for coverage.

## DP 1010 SPRAY



### WATER BASED DUCT SEALANT

A premium grade, Zero VOC, smooth, water based, 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 application by airless sprayers or pumps. It can be used in shop and field applications to provide significant labor savings. DP 1010 Spray is formulated to prevent the running and dripping common in lower viscosity spray sealants.

- Formulated for spray application without dripping and running.
- Labor saving.

## DP 1015



### WATER BASED DUCT SEALANT

A Zero VOC, smooth, water based, UL Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use. The consistency of DP 1015 allows for better coverage and ease of application. It exceeds all SMACNA seal and pressure classes and is recommended to +15 inches water gauge pressure.

- Smooth consistency for coverage.

## DP 1020



### WATER BASED DUCT SEALANT

A premium quality, Zero VOC, fiber reinforced, water based, UL Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use. The consistency of DP 1020 allows for easier sealing of holes and gaps often found in duct connections and duct joints. It exceeds all SMACNA seal and pressure classes and is recommended to +15 inches water gauge pressure.

- Premium grade with fibered consistency for easier sealing of holes and gaps.

## DP 1030



### WATER BASED DUCT SEALANT

A Zero VOC, fiber reinforced, water based, UL Listed, high pressure/high velocity duct sealant for commercial and residential supply and return air duct use. The consistency of DP 1030 allows for easier sealing of holes and gaps often found in duct connections and duct joints. It exceeds all SMACNA seal and pressure classes and is recommended to +15 inches water gauge pressure.

- Fibered consistency for easier sealing of holes and gaps.
- Available in White or Gray.

## DP 1090



### LOW VOC SOLVENT BASED DUCT SEALANT

A Low VOC, solvent based, premium quality, UL Classified, high pressure/high velocity duct sealant for commercial and industrial supply and return air duct use. DP 1090 can be easily caulked or brushed when temperatures reach 0° F, allowing it to be stored and applied on unconditioned jobsites. It skins over quickly for clean installation yet remains workable. It exceeds all SMACNA seal and pressure classes and is recommended to +15 inches water gauge pressure.

- Solvent based and Low VOC.

## DP SEAM SEALANT

### NON-CURING BUTYL SEALANT

A non-curing, non-skinning, solvent based pumpable butyl injection seam sealant ideal for sealing seams in Pittsburgh, button punch, snap-lock and roll formed seams. Recommended for use in coil line applications, roll formed seam applications and is suitable for use on common construction materials including: steel, aluminum, masonry and wood.

- Pumpable



# ADHESIVES

## DP 2500



### CLEAR WATER BASED DUCT LINER ADHESIVE

A clear, premium grade, water based, UL Classified duct liner adhesive specifically formulated for spray, brush, roller and coil line applications. DP 2500 Clear eliminates many of the issues associated with over-spraying colored duct liner adhesive when fabricating duct, especially exposed duct. It can be used to seal cut edges of fiberglass duct liner. DP 2500 can also be used to bond duct wrap to galvanized duct and for bonding FSK to fiberglass and urethane pipe insulation.

- Clear, premium grade duct liner adhesive.



# DP 2501



## WATER BASED DUCT LINER ADHESIVE

A premium grade, water based, UL Classified duct liner adhesive specifically formulated for spray, brush, roller and coil line applications. It can be used to seal cut edges of fiberglass duct liner. DP 2501 can also be used to bond duct wrap to galvanized duct and for bonding FSK to fiberglass and urethane pipe insulation.

- Premium grade duct liner adhesive.
- Available in White and Black.

# DP 2502



## WATER BASED DUCT LINER ADHESIVE

A premium grade, water based, UL Classified duct liner adhesive specifically formulated for spray, brush, roller and coil line applications. It can be used to seal cut edges of fiberglass duct liner. DP 2502 can also be used to bond duct wrap to galvanized duct and for bonding FSK to fiberglass and urethane pipe insulation.

- Premium grade duct liner adhesive.
- Available in White and Black.

# DP 2590 / DP 2590 CA

## SOLVENT BASED SPRAY ADHESIVE

Premium quality, solvent based, fast drying, non-flammable, pressure sensitive fiberglass duct liner insulation adhesives. They are supplied in convenient spray canister systems which are both portable and cost effective. DP 2590 CA is available as a lower VOC, flammable, California compliant formulation. DP 2590 and 2590 CA can also be used to bond duct wrap to duct and for bonding FSK to fiberglass and urethane pipe insulation.

- Canister packaging for convenience and portability.

# DP 2595

## CLOSED CELL FOAM SPRAY ADHESIVE

A premium quality, solvent based, high performance, fast drying, non-flammable, industrial contact insulation adhesive that is water resistant and temperature resistant to 200°F. DP 2595 is formulated for adhering closed cell foam, higher density insulation and applications that require high strength bonding. DP 2595 is supplied in convenient spray canister systems which is both portable and cost effective. DP 2595 can also be used for bonding FSK to fiberglass and urethane pipe insulation.

- Canister packaging for convenience and portability.

# DP 2585

## POLYSTYRENE FOAM ADHESIVE

A premium quality, solvent based, fast drying, polystyrene insulation adhesive that is water resistant and temperature resistant to 180°F. DP 2585 is supplied in convenient spray canister systems which is both portable and cost effective. DP 2585 can be used for bonding polystyrene, polyisocyanurate, and phenolic foam insulation sheets and blocks without degradation as

well as bonding a variety of substrates including kraft backed foil, fabrics, plastics, and foil jacketing to foam insulation.

- Canister packaging for convenience and portability.

# DP 77

## INDUSTRIAL SPRAY ADHESIVE

A multi-purpose, pressure sensitive, clear, industrial strength aerosol spray adhesive with quick tack and high shear strength. DP 77 is provided in convenient and easy to use aerosol cans. DP 77 is used to adhere fiberglass duct liner to galvanized steel or to repair damaged duct liner. This multi-purpose adhesive can be used on a variety of substrates including: fiberglass, galvanized and stainless steel, aluminum, paper, glass, cardboard, textiles and plastics.

- Convenient aerosol spray application for multiple uses around shop and jobsite.



# DP 3040



## WATER BASED VAPOR BARRIER

A ZERO VOC, water based, premium quality, low odor, water resistant vapor barrier coating for commercial and industrial use. DP 3040 applies white and is formulated to remain white with age. It has a smooth consistency that applies easily and provides a smooth finish. DP 3040 is recommended for both indoor and outdoor applications and is effective in high humidity environments to prevent vapor permeation. DP 3040 can be used on most types of thermal insulation including: fiberglass, polystyrene foam and mineral fiber.

- Vapor barrier mastic that applies white and does not discolor over time.
- Easy application that provides a smooth finish.

# DP 3050



## WATER BASED LAGGING ADHESIVE

A medium viscosity, water based, premium quality, quick drying, low odor lagging adhesive and protective coating for indoor use. DP 3050 can be used for bonding and coating jackets of canvas, glass cloth and other lagging fabrics over insulated surfaces, including rectangular and round ductwork insulation wrap. It is recommended as a lap adhesive for pipe insulation jackets and as a protective coating over expanded polystyrene foam insulation to prevent dusting and to protect from solvents. DP 3050 may be used as a “duct butter” to seal cut ends of fiberglass duct liner.

- Medium viscosity lagging adhesive for duct wrap and as a pipe insulation lap adhesive.
- Fiberglass duct liner “duct butter” insulation repair.

# DP 3050 AF



## WATER BASED LAGGING ADHESIVE

An anti-fungal, medium viscosity, water based, premium quality, quick drying, low odor lagging adhesive and protective coating for indoor use. DP 3050 AF should be used in areas where microbial growth is a concern. DP 3050 AF can be used for bonding and coating jackets of canvas, glass cloth and other lagging fabrics over insulated surfaces, including rectangular and round ductwork insulation wrap. It is recommended as a lap adhesive for pipe insulation jackets and as a protective coating over expanded polystyrene foam insulation to prevent dusting and to protect from solvents.

- Anti-fungal, medium viscosity lagging adhesive for duct wrap.
- Pipe insulation lap adhesive.

# DP 3060



## LOW VISCOSITY WATER BASED LAGGING ADHESIVE

A low viscosity, water based, premium quality, quick drying, low odor lagging adhesive and protective coating for indoor use. The lower viscosity of DP 3060 makes it an ideal lap adhesive for pipe insulation jackets. DP 3060 can be used for bonding and coating jackets of canvas, glass cloth and other lagging fabrics over insulated surfaces, including rectangular and round ductwork insulation wrap. It may also be used as a protective coating over expanded polystyrene foam insulation to prevent dusting and to protect from solvents. DP 3060 may be used as a “duct butter” to seal cut ends of fiberglass duct liner.

- Lower viscosity lagging adhesive ideal as a pipe insulation lap adhesive.
- Fiberglass duct liner “duct butter” insulation repair.

# DP 5050



## WATER BASED WEATHER BARRIER COATING

A ZERO VOC, medium viscosity, water based, high strength, premium quality, quick drying, low odor weather barrier coating. DP 5050 is recommended for indoor and outdoor use where a breather mastic is required. It is used for bonding and coating jackets of canvas and cloth or other lagging fabrics over insulation and as a protective coating over polystyrene foam insulation. DP 5050 applies to a smooth finish.

- Weather Barrier breather mastic for outdoor and indoor use.
- Smooth finish on exterior duct insulation and tank insulation.

# DP 5060



## LOW VISCOSITY WATER BASED WEATHER BARRIER COATING

A ZERO VOC, low viscosity, water based, high strength, premium quality, quick drying, low odor weather barrier coating. DP 5060 is recommended for indoor and outdoor use where a breather mastic is required. It is used for bonding and coating jackets of canvas and cloth or other lagging fabrics over insulation and as a protective coating over polystyrene foam insulation. The lower

viscosity DP 5060 allows for easier application to larger surface areas where a smooth finish is desired.

- Weather Barrier breather mastic for outdoor and indoor use.
- Lower viscosity for easy and smooth application.

# DP 40

## BUTYL JOINT SEALANT

A skinning, permanently flexible, high solid content, butyl joint sealant that is ideal for low and high temperature insulation applications. Recommended to seal joints in cellular foam glass insulation and jacketing systems. DP 40 remains flexible in temperatures as low as -70°

- Available in caulk tubes and 2 gallon pails



# DP 2510 - Black DP 2515 - White



## DUCT LINER & LINE SET PROTECTIVE COATING

A UL Classified coating for repairing and encapsulating damaged fiberglass insulation and line set protection from UV degradation. DP 2510/2515 provides a flexible, durable coating which helps to prevent fibers from entering the air stream. It may also be used for sealing cut edges of fiberglass insulation. DP 2510/2515 are low odor and formulated to easily spray through airless spray equipment without clogging.

- Fiberglass insulation encapsulant.
- Line set protective coating.
- Ideal for airless spray equipment and brush/roller application.

# DP 2540 - Black DP 2545 - White



## PROTECTIVE COATING For Commercial and Residential Use

A UL Classified water based protective coating formulated with an EPA Registered preservative that prevents the growth of mold, mildew, and fungus on the surface of the coating. It is recommended as an encapsulant on worn or damaged fiberglass to provide a flexible, durable coating which prevent fibers from entering the air stream. As a protective coating, DP 2540/2545 can be applied to fiberglass, metal, drywall, wood and many common construction materials to prevent microbial growth. DP 2540/2545 are low odor and formulated to easily spray through airless spray equipment without clogging.

- Fiberglass insulation encapsulant with an EPA Registered preservative.
- Low odor, ideal for airless spray equipment and brush/roller application.

# ACCESSORIES



## DP 88 SPRAY EDGE COATING

DP 88 is an aerosol spray edge coating or “duct butter” formulated to quickly and conveniently coat cut or damaged insulation.

DP 88 combines the advantages of quick drying aerosol adhesives with the tack-free and flexible properties of sealants and liner encapsulants.

- Encapsulating cut edges, rips and tears in fiberglass insulation.
- Repairing aged or damaged fiberglass insulation.

## DP 99 SPRAY DEGALVANIZER

DP 99 is a degalvanizing spray for use on roll-forming machines, shears, punch press dies and notchers. DP 99 will soften, loosen and flake off galvanizing debris, and daily use will keep machines clear of galvanizing build-up.

## DP 1040 GASKET TAPE

A premium quality, ZERO VOC, 100% solids, UL Classified, high pressure/high velocity butyl gasket tape for commercial and residential supply and return air duct uses. DP 1040 provides a flexible seal between TDC, TDF and applied flange connections and angle rings connections. It can be used to seal corners of flanged connections. DP 1040 meets all SMACNA seal and pressure classes.

- TDC, TDF and Applied Flange 5/8” x 3/16” flexible gasket tape.



## DP PROTECTIVE COVERS

DP Covers are re-usable protective plastic covers with an elastic band designed to provide protection from moisture, dust, debris, and paint. DP Covers save installation labor and leave no residue.

- Covering round and rectangular duct during transportation, storage and installation.
- Multi-functional protection on jobsites and in shops.

## 2590/2595 SPRAY GUNS

Spray guns for DP 2590 Duct Liner Adhesive and DP 2595 Closed Cell Foam Adhesive canisters.

## 2590/2595 HOSES

Hoses for DP 2590 Duct Liner Adhesive and DP 2595 Closed Cell Foam Adhesive canisters. Available in 12 foot lengths.

## DP DUCT WRAP FILM

DP Wrap is a polyethylene film with a high-tack adhesive designed to provide protection from moisture, dust, debris, and paint. The film is easily removed, tear resistant and UV resistant.

- Covering round and rectangular duct during transportation, storage and installation.
- Multi-functional protection on jobsites and in shops.

## SEALANT CHIP BRUSHES

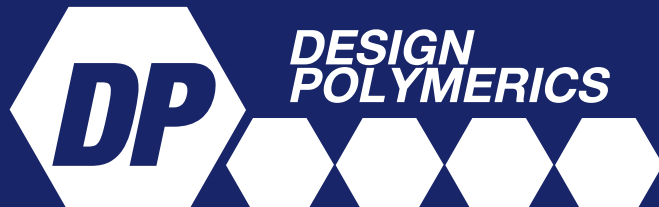
Available in 2” and 3” sizes.



## EARN LEED® CREDITS

WITH DESIGN POLYMERICS SEALANTS, ADHESIVES, INSULATION MASTICS AND COATINGS

Because LEED has become a nationally accepted benchmark for the design, construction and operation of high performance green buildings, achieving LEED certification for construction projects is becoming increasingly important. Design Polymerics Sealants, Water-Based Adhesives, Insulation Mastics, and Coatings can help you earn LEED credits on your project.



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## COMPANY

Design Polymeric began manufacturing sealants, insulation mastics and adhesives in 1985.

**Design Polymeric manufactures products for several major industries:**

**HVAC** - Sealant and Adhesives

**Insulation** - Mastics and Adhesives

**Indoor Air Quality** - Coatings, Encapsulant and Accessories

**Commercial** - High Performance Industrial Coatings

Through our commitment to providing sustainable high quality products and great customer service, Design Polymeric has grown steadily over the years. With a diversified business strategy, we are aggressively looking at new technologies to solve industrial problems and to expand market share. Design Polymeric is devoted to providing innovative quality products supported by strong customer and technical service.

## PRODUCTS

Design Polymeric products are designed with an emphasis on performance and workability. We are committed to researching new technologies that maintain quality products at a competitive price.

## QUALITY CONTROL

All of our products have been extensively tested and proven to maintain toughness, flexibility, and durability even under the most extreme weather conditions. Our research, development and quality control laboratory has enabled us to make sure that all of our products are tested and meet our high standards to ensure customer's satisfaction before shipment.

## COMMITMENT

Design Polymeric is dedicated to servicing our customers by developing, producing and delivering premium products. We are a technology driven company committed to supporting our customers. Our professional staff are your personal link with Design Polymeric. Our highly trained representatives are available, accessible and able to assist customers whenever and wherever the need arises.

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