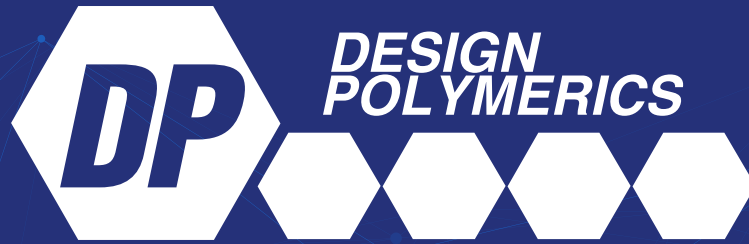


# Product Guide



A Meridian Brand

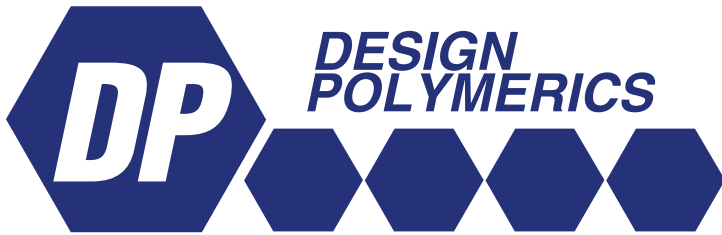
## High Performance Green Building Products

Since 1985



- > Sealants
- > Adhesives
- > Indoor Air Quality
- > Insulation Mastics
- > Accessories





A Meridian Brand

## COMPANY

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

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

**HVAC** - Sealants and Adhesives

**Insulation** - Mastics and Adhesives

**Indoor Air Quality** - Coatings, Encapsulants and Adhesives

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 are able to assist customers whenever and wherever the need arises.



# SEALANTS



## DP 240 / DP 340

### FOIL MASTIC TAPE

A LEED Qualified, UL Classified, Zero VOC, foil backed mastic rolled sealant tape for high pressure/high velocity commercial and residential air duct use. It requires no cure time before pressure testing. It forms a permanent seal but is repositionable immediately after application for a limited time. It exceeds all SMACNA seal and pressure classes and is recommended to ±15 inches water gauge pressure.

- Available in 2 and 3 inch by 100 foot rolls.
- No cure time, immediate pressure testing.
- Repositionable immediately after application for a limited time.



## DP 1010

### WATER BASED DUCT SEALANT

A LEED Qualified, UL Listed, premium grade, low VOC, smooth, water based, high pressure/high velocity duct sealant for commercial and residential 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 LEED Qualified, UL Listed, premium grade, low VOC, smooth, water based, high pressure/high velocity duct sealant for commercial and residential 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 running and dripping which is common in lower viscosity spray sealants. It exceeds all SMACNA seal and pressure classes and is recommended to ±15 inches water gauge pressure.

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



## DP 1015

### WATER BASED DUCT SEALANT

A LEED Qualified, UL Listed, low VOC, smooth, water based, high pressure/high velocity duct sealant for commercial and residential 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 LEED Qualified, UL Listed, premium quality, low VOC, fiber reinforced, water based, high pressure/high velocity duct sealant for commercial and residential 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 LEED Qualified, UL Listed, Low VOC, fiber reinforced, water based, high pressure/high velocity duct sealant for commercial and residential 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 LEED Qualified, UL Classified, Low VOC, solvent based, premium quality, high pressure/high velocity duct sealant for commercial and residential 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.



## DP 502 / DP 503

### HIGH PERFORMANCE 100% RTV SILICONE

A high-performance HVAC, industrial, commercial, and residential construction grade 100% Acetoxy RTV Silicone adhesive/sealant with excellent resistance to aging, weathering, and UV degradation. DP 502 is recommended on a variety of HVAC substrates including galvanized steel, stainless steel, aluminum, wood, fiberglass, PVC and painted substrates. DP 502 is an excellent sealant and adhesive where a long term, permanently flexible seal/bond is required. DP 502 will not sag or slump and can be applied to both vertical and overhead substrates without sagging.

- Available in the following colors:
  - Aluminum Gray
  - Clear
  - White
  - Black
  - High Temperature Red
- Low VOC.





# ADHESIVES

## DP 2500

### CLEAR WATER BASED DUCT LINER ADHESIVE



A LEED Qualified, UL Classified, clear, premium grade, water based, 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.

- Clear, premium grade duct liner adhesive.

## DP 2501 / DP 2502

### WATER BASED DUCT LINER ADHESIVE



A LEED Qualified, UL Classified, premium grade, water based, 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.

- Available in White and Black.

## DP 2590 / DP 2590 CA

### SOLVENT BASED SPRAY ADHESIVE

Premium quality, solvent based, fast drying, pressure sensitive fiberglass duct liner insulation adhesives. Both general purpose adhesives are supplied in convenient spray canister systems which are both portable and cost effective. DP 2590 is available as a non-flammable adhesive. 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.

## 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.

## 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.

## DP 77

### INDUSTRIAL SPRAY ADHESIVE

A multi-purpose, pressure sensitive, clear, industrial strength aerosol web 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 steel, stainless steel, aluminum, paper, glass, cardboard, textiles, and plastics.

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



## DP 3050

### WATER BASED LAGGING ADHESIVE



A UL Classified, 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 duct 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 also be used as a "duct butter" to seal cut ends of fiberglass duct liner.

- Medium viscosity lagging adhesive is ideal for duct wrap and as a pipe insulation lap adhesive.
- Fiberglass duct liner "duct butter" insulation repair.
- U.S. Coast Guard Approval Number 164.012/145/0.

## DP 3060

### LOW VISCOSITY WATER BASED LAGGING ADHESIVE



A LEED Qualified, UL Classified, 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 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 duct 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 is ideal as a pipe insulation lap adhesive.
- U.S. Coast Guard Approval Number 164.012/145/0.

# DP 5050

## WATER BASED WEATHER BARRIER COATING



A LEED Qualified, low 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.

- Smooth finish on exterior duct, pipe, and tank insulation.

# DP 5060

## LOW VISCOSITY WATER BASED WEATHER BARRIER COATING



A LEED Qualified, low 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.

- 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°F.

- Available in caulk tubes and 2-gallon pails.



# INDOOR AIR QUALITY

## DP 2510 - Black DP 2515 - White



### DUCT LINER & LINE SET PROTECTIVE COATING

A LEED Qualified, UL Classified protective coating for repairing and encapsulating damaged fiberglass insulation and line set protection from UV degradation. DP 2510 and 2515 provide 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 and 2515 are low odor and are formulated to easily spray through airless spray equipment without clogging.

- Fiberglass insulation encapsulant.
- Line set protective coating.
- Ideal for airless spray, brush, and roller application.
- Easy application that provides a smooth finish.

## DP 2540 - Black DP 2545 - White



### PROTECTIVE COATING

#### For Commercial and residential Use

A LEED Qualified, water based protective coating formulated with an EPA Registered preservative that helps prevent 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 and 2545 can be applied to fiberglass, metal, drywall, wood and many common construction materials to prevent microbial growth. DP 2540 and 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, brush, and 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.
- CARB Compliant.

## 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. Daily use will keep machines clear of galvanizing build-up.

## DP 1040 GASKET TAPE

A LEED Qualified, UL Classified, premium quality, ZERO VOC, 100% solids, 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, applied flange connections, and angle ring 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.



## 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.

## DP SPRAY GUNS

Spray guns for DP 2590 Duct Liner Adhesive, DP 2590-CA Duct Liner Adhesive, DP 2595 Closed Cell Foam Adhesive and DP 2585 Polystyrene Foam Adhesive canisters.

## DP HOSES

Hoses for DP 2590 Duct Liner Adhesive, DP 2590-CA Duct Liner Adhesive, DP 2595 Closed Cell Foam Adhesive canisters and DP 2585 Polystyrene Foam Adhesive. Available in 12-foot lengths.

## DP DUCT WRAP FILM

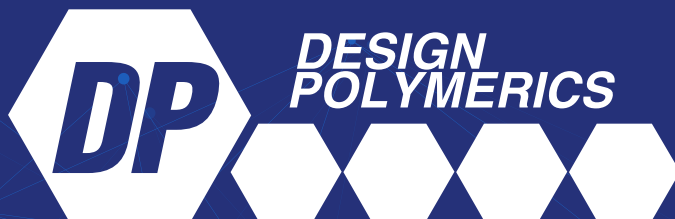
DP Wrap is a polyethylene film with a high-tack adhesive designed to provide protection from moisture, dust, debris, and paint. The film is easily removed, tear resistant and UV resistant.

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

## SEALANT CHIP BRUSHES

Available in 2" size.

Rev: v25030



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