

Promote Adhesives along with the Delivery Systems

Hardcast Sprayable Adhesives Pump Recommendations

Getting the best performance out of your spray adhesives means you need the best performing sprayer that will fit your shop. At Hardcast we had previously developed a diaphragm pump system that fit those needs. We are always reviewing new equipment and testing to verify that it will meet the high standards you require.

In the 1st quarter of 2015 Carlisle purchased the Finishing Brands Holdings group from Graco. The Finishing Brands group was put under a new segment within Carlisle, called Carlisle Fluid Technologies. The Carlisle Fluid Technologies (CFT) group combines over 375 collective years of finishing experience with the companies of Binks, DeVilbiss, Ransburg, BGK Finishing Systems, and MS Oberflächentechnik AG.

With this level of knowledge and experience Hardcast worked with the CFT group on a quality adhesive delivery system. Based on this teamwork, Hardcast recommends using a Binks Gemini II diaphragm pump in concert with a DeVilbiss Decorator spray gun. Binks offers the Gemini II diaphragm pump in multiple options to fit any shops needs.

The Binks Gemini II pump is a double diaphragm pump with a grounded acetal body and stainless steel balls and seats with PTFE diaphragms. This means you can use the same pump whether using a water-based or solvent-based adhesive. The pump is seal-less and has an externally serviceable pilot and main valve so you will not have leaks to contend with or have to disassemble the pump to service it. Binks Short-Stroke pumps significantly reduces pulsation compared to other pumps to provide a more consistent finish.

Binks offers easy convenience with Distributors all across the US and Canada and Partners for the International market. You can find your local Distributor by following this link: www.binks.com/distributors, or for international customers: www.carlisleft.com.

Binks also offers these pump systems in packaged kits called Outfits. Whether you need a portable or non-portable system in 5-gallon pail or 55-gallon drum sizing.

We recommend the following DeVilbiss spray gun

DeVilbiss JGA-510-DEC Decorator manual pressure feed spray gun



We recommend the following Binks Outfits

5 Gallon Pail Mount Pump Package (pump package # GEM2-P2D1060)

This package includes the ½" Acetal short-stroke pump, dual air control, bypass filter/pulse assembly, stainless steel siphon, and integrated stainless steel pail lid.

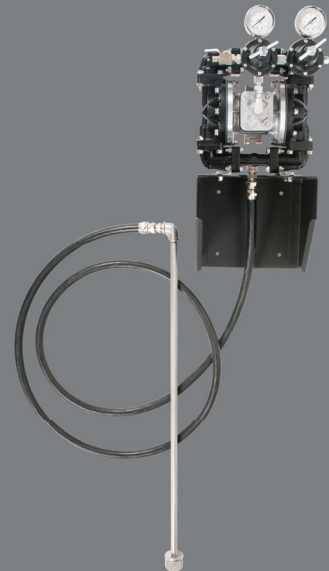


Wall Mount Pump Package with 5 Gallon Pail Siphon (pump package # GEM2-W2D2070)

This package includes the ½" Acetal short-stroke pump, dual air control, bypass filter/pulse assembly and integrated wall mounting bracket.

Wall Mount Pump Package with 55 Gallon Drum Siphon (pump package # GEM2-W2D3080)

This package includes the ½" Acetal short-stroke pump, dual air control, bypass filter/pulse assembly and integrated wall mounting bracket.



55 Gallon Drum Mount Pump Package (pump package # GEM2-D2D1050)

This package includes the ½" Acetal short-stroke pump, dual air control, bypass filter/pulse assembly, stainless steel siphon, and integrated stainless steel drum lid.



Suggested settings

In testing, Hardcast determined that a fluid pressure setting of 30 PSI combined with an atomization pressure of 20 PSI worked well and gave the appropriate spray pattern and texture. We suggest you start with these settings and adjust to your liking.

Combining Hardcast Sprayable Adhesives with the Carlisle Fluid Technologies equipment will give you the ultimate set-up for your shop.



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