



PVA RELEASE FILM INSTRUCTIONS

A PERFECT MATCH EVERY TIME



VETERAN OWNED COMPANY

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PVA RELEASE FILM

The PVA Release Film is ready to use as received and should not be diluted. Its preferred application is with a spray gun. Good results may be obtained with a sponge applicator, paint brush or by dipping substrate and draining excess PVA. The recommended air pressure with an HVLP spray gun is 22 - 24 PSI (1.5 - 1.7 BAR).

When using a traditional spray gun, adjust air pressure to 60 - 90 PSI (4 - 6 BAR). Normal gun to substrate spraying distance is 12 -18 inches (30 - 45 cm).

- On new or unseasoned polyester or vinyl ester molds: apply multiple coats of PVA Release Film to the surface and allow each coat to dry completely before proceeding.
- On seasoned mold: apply one or two coats of PVA Release Film. Do not begin molding until PVA on the surface is completely dry. Drying time is approximately 15 - 30 minutes per coat depending on ambient temperature and humidity.
- On new or reconditioned molds: dry film thickness should be at least 2 - 4 mils (50 - 100 micrometers), about the thickness of an industrial trash bag. 1 - 2 mils (25 - 50 micrometers) is recommended on seasoned molds.

PVA Release Film will exhibit a white foamy appearance when initially sprayed but dries to a clear coat. Film should not sag or contain runs when applied. If application flaws appear in the PVA film, wash it off with water and begin again. Make certain that the PVA Release Film is completely dry before proceeding with the molding process. Film should be very smooth and glossy when dry. A dull, hazy or grainy film may result from too thin a PVA film application from insufficient spray. If air bubbles are trapped in the PVA film, try higher air pressure. One gallon (3.79 liters) covers about 400 feet² (40 m²).