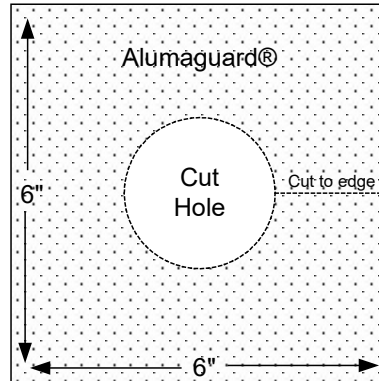


## PRESSURE RELEASE VALVE

### ONE-WAY PRESSURE RELEASE VALVE



One of the paramount features of **Alumaguard®** is its aggressiveness and how well it adheres to foil substrates creating an incredible seal! In fact, it seals so well that IF you have substantial air leakage from a poorly installed duct, we will bubble and balloon and it is possible to pull the FSK paper off the substrate.

To relieve pressure related stress, we sell a miniature **air release valve** which can be installed in the bottom of the duct to relieve air pressure. Install as many as are required; if the system has been ballooned for a long period of time, the bubbles may not re-adhere.

If installing the air pressure relief valves as part of a new installation, it is recommended they be installed at a density of one every four (4) square feet.

The air release valves contain a small spring which is actuated when pressure builds up to 0.3 psi (pounds per square inch).

1. Install relief valves in the center of Alumaguard areas that have ballooned approximately one every 4 square feet.
2. Cut a round hole in the existing Alumaguard that's approximately one inch in diameter.
3. In a minimum 6" square piece of Alumaguard with the release liner attached, cut an approximate one inch diameter hole. Push the valve with the air flow arrow pointing toward the hole in the Alumaguard square with the liner side up until you reach the end of the hexagonal value section.
4. Remove the liner on the Alumaguard square and push the other end of the valve into the previously cut hole in the existing Alumaguard while adhering the Alumaguard square (with valve) to the existing Alumaguard using hand pressure.



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This information is based on our best knowledge, but POLYGUARD cannot guarantee the results to be obtained.

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