



Chem-Trend's 6 Steps for Release Agent Application

Chem-Trend understands that improper application of mold release agent can cause parts to stick, trapped air pockets and foam surfaces to collapse. These problems create mold buildup and increase scrap rates costing time and money. As the leading partner in mold release agents we are here to help.

1 - Clean your mold.

Thoroughly clean the mold with a Chem-Trend mold cleaner to remove any previous release agent or other buildup.

2 - Dry your mold.

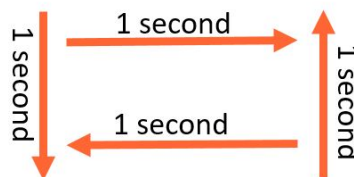
Wipe dry the mold with a clean cloth or towel then wipe with a clean solvent or naphtha and let air dry. The first 2 steps will guarantee a proper mold surface to apply release agent.

3 - Apply Chem-Trend release agent. Chem-Trend provides release agents that can be applied in a variety of methods. Check the PDS for further details, since application instructions may vary. Here are some overall recommendations.

Cotton cloth: wet and evenly wipe all areas of the mold surface.

Convention spray equipment: Mix properly, constant agitation in drum to maintain a consistent spray. Hold spray tip 6-16" from mold surface. Apply evenly.

Aerosol: spray 12" from mold surface and apply a light, uniform coating using a sweeping motion.



4 - Allow film to form on the mold surface.

It's important to have a dry mold surface before the foam is poured. Allow the release agent to evaporate and form the film on the mold surface.

5 - Apply additional coatings of release agent.

After a couple of cycles re-apply the release agent to the mold. This will ensure a high-quality product and keep your production efficient.

6- Store your release agent in a proper place.

Keep containers tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures, allow product to warm to room temperature prior to use.

Proper application doesn't guarantee productivity on its own, it must be combined with outstanding technology and customer service. Partnering with Chem-Trend means direct support and innovative solutions for all foam molding processes.



To learn more about how we have developed advanced products to address the specific challenges found in polyurethane manufacturing, contact us today.

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Release Innovation™