



A Chem-Trend Brand

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Zyvax.com

Flex-Z[®] - Solvent-Based Semi-Permanent Release Agent

Description

Flex-Z[®] is an industry breakthrough - a variable release system that gives total control to the molder. An array of six products with a common platform, Flex-Z[®] provides flexibility in mold release levels that is an absolute requirement. Formulated to control physical and chemical factors in polyester-molding environments, Flex-Z[®] reduces prep time, eliminates sag and delivers predictable release across the performance spectrum from minimum to maximum slip. For the correct mold release system best suited to your needs, see our website: www.zyvax.com.

Flex-Z[®] Benefits

- Low Odor
- Thermal stability: 480 °C (900 °F)
- Excellent tape adhesion
- Fast, easy and versatile application
- Adjustable slip-coat for pre-release control
- Prevents styrene build up

Uses

Flex-Z 1.0 (Minimum Slip)

Inhibits pre-release and promotes tape adhesion

Flex-Z 2.0 (Low/Medium Slip)

Ideal for the occasional pre-release problem

Flex-Z 3.0 (Medium Slip)

Standard choice for large hulls and flat areas

Flex-Z 4. (Medium/High Slip)

If you don't know where to start, start here

Flex-Z 5.0 (High Slip)

Excellent choice for small parts and high wear areas

Flex-Z 6.0 Extra Slip

Use on difficult-to-release male molds or as a flange release

How To Use

Before applying Flex-Z[®]:

Remove all previous waxes or oils using a ZYVAX mold and part cleaner. Apply Sealer GP if required, allowing 15 minutes between each coat and 30 minutes after the last coat. (New molds and freshly repaired molds typically require sealing with Sealer GP).

1. If wiping: Apply Flex-Z[®] to a small area of the mold (1-2 ft²; 0,2 m²) using a 100% cotton cloth wipe or paper towel or wipe on a light coat and DO NOT WIPE OFF.
2. If spraying: Using an HVLP type sprayer, Flex-Z[®] should go on as a dry spray with no wet areas left behind the spray. Keeping the spray head 6-12 inches (if possible) from the surface, carefully and thoroughly spray the entire mold surface. If an area is over saturated, simply wipe the wet area with a clean, dry cloth to ensure even coverage.
3. Carefully and thoroughly coat the entire mold surface.

4. Allow 15 minutes to cure before applying the next coat
5. Apply three additional coats of Flex-Z[®] in the same way, and wait for a minimum 15 minutes before using the mold. For touch ups, apply a single coat of Flex-Z[®], wait 15 minutes, and continue processing. **TIPS:** If more or less slip is needed, simply move up or down the Flex-Z[®] slipcoat scale. Two coats should be applied when doing so. Individual sections of a mold can be treated with different slipcoats to achieve optimum results.

Safety Data

Material safety data sheets for all Zyvax[®] products are available at www.zyvax.com and should be consulted prior to use of product.

Storage & Shelf Life

Store product between 5°C and 30°C (41°F and 86°F). Shelf life is 18 months from the date of manufacture, in the original unopened container. **NOTE:** *Product is moisture-sensitive. Container must be kept tightly closed when not in use.*

Use Life

Use life of product is 60 days from opening of container. Product must be kept in the original container and the lid replaced immediately after dispensing. After opening, product should continue to be stored properly.

WARNING: *Never puncture any Zyvax[®] product container.*

While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.