

Stoner Molding Solutions®
You Mold It. We Release It.™

Stoner® A373

Fluoroelastomer™ Mold Release



Product Description

Stoner® A373 Fluoroelastomer™ Mold Release is a semi-permanent, fast curing release for fluorels, vitons and other fluorocarbons. A373 is specially formulated as a long lasting, non-transferring release agent and anti-stick mold coating for molded fluoroelastomers and similar materials. Provides a permanent yet removable, thin-layer, anti-stick mold surface coating for fast, easy part removal from molds. A single application will allow multiple molding cycles. When the mold eventually begins to stick, often the sticking area alone can be “touched-up” quickly and allow continued molding with minimal production delay. Improves molding efficiency in many processes including injection, compression, and transfer molding.

A373 ADVANTAGES:

- Saves time – lets parts remove quickly and easily from molds.
- Boosts productivity - allows multiple releases per single application.
- Fluoroelastomer mold release coating won't transfer to fluoroelastomer compound or interfere with delicate compound chemistry.
- Improves part appearance and reduces defects caused by sticking.
- Contains no chlorinated solvents such as 1,1,1 trichloroethane or methylene chloride.

Uses

Stoner® A373 Fluoroelastomer™ Mold Release is a grade release agent and anti-stick lubricant for molded materials:

- Plastics
- Injection Molding
- Transfer Molding
- Rubber
- Compression Molding

Directions for Use

Recommended Procedure

Shake can well. A373 must be applied to a clean mold, free of any previous mold release residue. A373 can be applied to either cold or hot molds. Hold can 10 to 12 inches from mold. Spray a light coating on entire mold surface and let dry. For best results, A373 must be bonded to mold surface by heating mold to 325°F for at least 25 minutes. A373 will usually bond to the mold at room temperature if simply left on the mold overnight (at least 12 hours) before molding. After molding, if spot sticking occurs, the mold can be “touched-up” by spraying A373 on the trouble area and letting it cure on hot mold for 25 minutes. If necessary, A373 can be removed from mold surface with gentle-abrasive (plastic) bead blasting.

Storage and Handling

Do not use near ignition sources. Avoid prolonged or repeated contact with skin. This material can be harmful or irritating. Use with adequate ventilation. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Avoid prolonged or repeated breathing of vapor. Do not use near ignition sources. If ventilation is not sufficient, wear proper respiratory equipment. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120 degrees F. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

Packaging

Stoner® A373 Fluoroelastomer™ Mold Release is available in:

- 12 can case of 10 oz cans Part # A373
- 5-gallon pail Part # P373PL
- 55-gallon drum Part # P373DR

Technical Assistance

Call: 800-227-5538 or 1 (717) 786-7355
Email: CustomerService@StonerMolding.com
Visit: StonerMolding.com

NO RISK GUARANTEE. Stoner Molding guarantees 100% satisfaction or your money back. If you're ever dissatisfied with any Stoner Molding product, simply return the unused portion for a full refund.



StonerMolding.com

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