



Mold Release Agents & Process Aid Additives

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Technical Data Sheet

Xtend®

WB-4707N

External Mold Release

Process Aid Additive

Xtend®

WB-4707N

Product Description

A high-slip, durable, semi-permanent release agent for parting lines and difficult to demold parts. Provides multiple releases at both ambient and elevated temperatures.

Composition

Proprietary resin solution comprising modified siloxane based polymers which crosslink and form a release film upon evaporation of the carrier.

Handling

Keep container closed when not in use.
Store above freezing and below 100°F / 38°C.

Features

Water-based
Non-flammable High-Slip
No dry bake required

Uses

Especially for applications requiring high slip. Ideal for parting lines, cores, pins, threads, and inserts.

Typical Properties

Effective Ingredients	11.4%
Color	Off white
Specific Gravity	1.000 @25°C
Flash Point	Non-Flammable
Shelf Life	12 months in unopened/original container

Mold Preparation

For best performance, mold surfaces should be clean and free of previously used mold releases and other surface contaminants. However, it is not necessary to strip the surfaces to be treated prior to using WB-4707N.

Application Instructions

Apply with a clean, paper towel, such as the Scott Shop Towels-On-A-Roll™ or a heavy-duty plain white paper towel or cotton cloth.

In-Mold APPLICATION:

Saturate the towel with release until it is wet but not dripping. Wipe onto mold surface using smooth even strokes. A circular motion is suggested until an even coating is applied free of standing droplets. Excess drips, runs, or puddles should be wiped evenly in to the mold surface.

When working on a large surface area, apply to one section at a time, working from one end of the tool surface to the other. 2 coats of release are recommended for a clean well-conditioned tool. New tools should be handled with special care.

Allow 5 minutes for each coat of release to dry and cure before applying the next coat. Low ambient temperatures (below 68°F / 20°C) may necessitate longer cure times. Always use a fresh, clean towel for each coat of release. For longest lasting results, please allow at least 30 minutes cure time after the final coat is applied. Reapplication

Removal: Use CX-200HS, followed by a water wipe and a good cleaner, such as AXEL's CX-500.

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