

# Release Agent F-57

## Description:

Release Agent F-57 is a universally applicable liquid external release agent, solvent-based and with short drying times. The use of this product eliminates the need for a repeated time-consuming waxing and polishing, as a single application allows, after some starting time that demands frequent treatment of the mould, several demouldings. Release Agent F-57 forms a monomolecular film that adheres to the mould and does not show any affinity to the moulded parts. This film is not peeled off during the moulding procedure and provides with its powerful release properties important improvements for the plastic industry. Release Agent F-57 is silicone-free.

## Application Fields:

Release Agent F-57 can be used as a universal release agent at the processing of thermo sets, polyester (cold and hot moulding), epoxy resins and phenol resins. In particular when the processing takes place at elevated temperatures, flawless results are obtained. As Release Agent F-57 forms a complete film, it can also be used as a corrosion inhibitor for steel moulds or as a protective coating against influence of the weather. When working at higher temperatures it even provides excellent slip properties.

## Application:

Prior to the first application of Release Agent F-57, the moulds have to be cleaned thoroughly from residues of dirt and former release agent. For this purpose, we recommend the use of our Cleaner R-52. The next step is to apply Release Agent F-57 as an even, thin film and allow it to dry. The application can be done either by spraying or using a brush, cloth or sponge. Before starting the production, ensure that the film is absolutely dry. Release Agent F-57 should be stirred or shaken prior to use.

## Technical Data:

<b>Composition:</b>	combination of waxes in a solvent mixture
<b>Appearance:</b>	whitish liquid
<b>Density [g/cm<sup>3</sup>]:</b>	approx. 0.78
<b>Flashpoint [°C]:</b>	<0

## Packaging:

Can	7.8 kg
Can	23.4 kg
Drum	156 kg

## Storage:

Release Agent F-57 should be stored in tightly sealed containers and has to be protected from frost, heat and direct sunlight. If these rules are obeyed, the product can be stored for at least 12 months. The expiry date is stated beneath the production date on the labels of each container.

**Information for regulations on safety and transportation are provided in the safety data sheet**

**Further information:**

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

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