



# F-57

## Silicone leveling agent



### Overview

F-57 is a polyether-modified polysiloxane leveling agent, primarily designed for use in water-based and solvent-based systems. It exhibits exceptional wetting properties and reduces friction coefficient effectively.

### Physicochemical Properties

<b>Appearance</b>	Clear, slightly yellow liquid	<b>Composition</b>	Ether-modified Polysiloxane
<b>Solid Content</b>	≥99.0 %	<b>Solvent</b>	None
<b>Density</b>	1.03 g/ml		

### Properties and Advantages

An EO/PO-containing polyether-modified polysiloxane, versatile for use in both water and solvent-based systems; strong wetting ability; highly efficient at low addition levels; outstanding smoothness; recoatable.

- Excellent wetting provides rapid leveling and lubricating properties.
- Effectively eliminates surface defects such as orange peel, craters, and edge pulling.
- Recoatable with minimal impact on intercoat adhesion.
- Provides a lubricious feel and aids in matting agent alignment.
- Offers anti-adhesive, scratch-resistant, and abrasion-resistant properties.

### Dosage

0.05-0.5% of the total formulation.

### Application

Suitable for solvent-based and solvent-free coatings, inks.

### Precautions & Storage

Please dilute with solvent before use. May solidify at low temperatures; heat in a water bath to restore flowability. Store between 0-40 °C in a cool, well-ventilated area, keep the container tightly sealed, and keep away from heat and sources of ignition.

### Safety

Refer to MSDS

### Packaging

25 KG/Barrel