

# WACKER® AKF 100

## Linear Silicone Fluids

WACKER® AKF 100 is noted for its very low volatile content, high purity and excellent release properties.

## Properties

WACKER® AKF 100 is a linear, non-reactive polydimethylsiloxane with a viscosity of approx. 100 mm<sup>2</sup>/s. Due to its chemical structure, WACKER® AKF 100 has an outstanding property profile, which sets it apart from organic materials such as mineral oils.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Density	20 °C	0.96 - 0.97 g/cm <sup>3</sup>	-
Flash point	-	> 300 °C	DIN 51376
Ignition temperature	-	450 °C	-
Pour point	-	-55.0 °C	DIN ISO 3016
Refractive index	25.0 °C	1.401 - 1.404	DIN 51423
Viscosity, dynamic	25 °C	100 mPa·s	-
Volatility <sup>(1)</sup>	2.0 g   48.0 h   200.0 °C	max. 0.5 %	-

<sup>1</sup>50 ml beaker, static

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Antifriction Agents & Lubricants
- Non-Impact-Printing

## Application details

WACKER® AKF 100 is used as release agents in electrophotographic equipment, such as copiers, laserprinters etc.

## Packaging and storage

### Storage

The "Best use before end" date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable.

In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code WACKER® AKF 100



**For technical, quality or product safety questions, please contact:**

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