

## **DEUREX® T 3918 O**

**TECHNICAL INFORMATION** 

Chemical description: Oil-based wax dispersion, Fischer-Tropsch wax, based on DEUREX® T 39

Benefits: Excellent abrasion and scratch resistance

**Application:** Oil-based Printing inks

Offset printing inks (Sheetfed, Web offset, Heatset, Coldset)

Oil-based Wood Protection

Hot foil stamping

Oil-based Lubricants

**Properties:** - Excellent abrasion- and scratch resistance

Excellent gloss retention and rub resistance
Very good slip (low COF) and anti-blocking
Very good shiny gloss and soft feel, soft rheology
Improved chemical and temperature resistance
Improved transparency and good overprintability

100% non-volatile and fast-setting

Based on: Linseed oil (Can be made with any other oil)

Technical data: Colour: White opaque

Delivery form: Liquid

Packaging: IBC 950 kg, Drum 190 kg

Minimum

Drop point (wax):	110 °C	120 °C	LV 12
			DGF M-III 3
Typical value:		98 % < 18 µm	LV 09
Particle size:		50 % ~ 8 μm	DIN EN ISO 1524
Solid content*:	34 %	36 %	LV 6

Maximum

Method

**DIN EN ISO 787-2** 

**Processing:** - Stir well before usage

- Consume quickly after opening

Storage, shelf life: - Store at temperatures between +5 °C and +28 °C, avoid frost

Shelf life 6 months in closed original container

Alternative delivery forms: DEUREX® T 39 K – Fine granules

DEUREX® T 3908 W – Water-based dispersion, 98% < 8  $\mu$ m DEUREX® T 3915 M – Micronized powder, 98% < 15  $\mu$ m DEUREX® T 3920 M – Micronized powder, 98% < 20  $\mu$ m

Alternative products: BIOMER® – biodegradable waxes

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Revision:

<sup>\*</sup> part of certificate of analysis