

## DEUREX® F 6001 W

### TECHNICAL INFORMATION

**Chemical description:** Water based emulsion of a micro-sized Polytetrafluorethylene (PTFE)

**Applications:**

Water based paints and coatings  
- Wood-, automotive- & industrial coatings

Water based printing inks  
- Flexo- and gravure inks

PTFE coatings  
- Fabrics, felts and packages

**Properties:**

- Very good abrasion resistance
- Excellent film formation
- Very good wetting properties
- Easy to incorporate, low settling tendency
- Universal chemical resistance
- Large operating temperature range, high transparency
- Very good non-stick properties
- Extremely fine particle size allows usage in very thin film layers

**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 month in closed original container

**Technical data:**

Colour: White  
Form of delivery: Liquid  
Drum 40 kg

	Minimum	Maximum
Solid content*:	58 %	60 %
Particle size:	98 % < 1 µm	LV 5 (DIN ISO 13320)
Emulsifier system:	non-ionic	
pH-value:	9.0	11.0

\* part of certificate of analysis

**Approvals:**

DEUREX® F 6001 W is approved for the production of commodities intended to come into contact with food.  
EU: Regulation (EU) 10/2011 dated 14. January 2011 – Ref.-No.: 80000  
USA: FDA 21 CFR §§ 177.1550  
(Approvals with regard to limitations and migration values in the final application)

**Alternative delivery form:**

**DEUREX® F 6008 M** – Micro-sized powder  
**DEUREX® F 6012 O** – Oil-based dispersion of a micro-sized PTFE