

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
IBC 1,500 kg, 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

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