

UNIQUE HYBRID TECHNOLOGY

TEGO® Foamex 8880

Defoamer emulsion with high bio-based content, providing superior foam knock-down and easy incorporation in waterborne inks



Easy incorporation

Defoamers for waterborne inks and coatings are insoluble in water and need to be dispersed well to show optimum effectiveness and to avoid surface defects.

Easy incorporation is especially important in stages where only low shear forces can be applied, such as the let-down stage in ink manufacture, and especially on press-side. Here, defoamer emulsions show clear advantages over classical (mineral) oil-based defoamers and siloxane-based defoamer concentrates.

Foam prevention vs. foam knock-down

Different technologies have different strengths. Many excellent defoamers are very powerful preventers of foam formation. Such products (often siloxane-based) are commonly used at the grinding and at the let-down stages in ink manufacture. However, the very same products may not be ideal for foam knock-down in low viscosity inks or for post addition on press-side.

Our Solution

TEGO® Foamex 8880 is an emulsion based on new hybrid technology, developed to provide both good foam prevention and superior foam knock-down. Combining the power of siloxanes with bio-based polymers, a truly unique property profile has been achieved (patent pending).

	Easy incorporation	Foam knock-down	Foam prevention
Siloxane defoamer concentrates	•	••	•••
Mineral oil defoamers	••	••	•
TEGO® Foamex 8880 (hybrid technology)	•••	•••	••

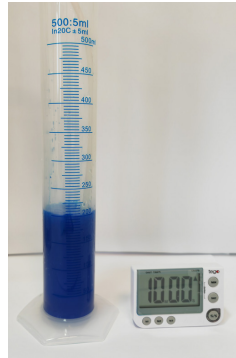
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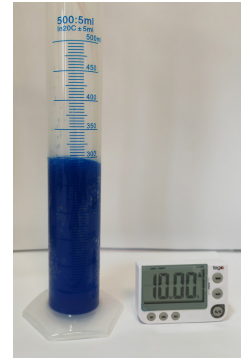
Air-flow test to measure defoaming power



Blank



TEGO® Foamex 8880



Mineral oil defoamer

Sustainability

- This new hybrid technology is free of solvents and mineral oils
- The non-volatile content has a share of > 50 % bio-based material
- TEGO® Foamex 8880 complies with numerous food contact regulations



TEGO® Foamex 8880

Is the ideal choice for foam-break in waterborne flexo and gravure inks.

- Non-ionic, waterborne emulsion, approx. 20 % active matter content
- Hybrid technology, > 50 % bio-based content in active matter
- Ideal for addition to the let-down stage and on press-side
- Ideal for pigmented inks on paper and cardboard



More information and test results ...



in the category
„Product Launches“ on
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Any questions?



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