

TEGO® Wet 236

Superwetting surfactant for difficult-to-wet substrates offering good dynamic performance in waterborne printing inks



Struggling to print on films?

As the trend towards printing waterborne inks onto film substrates increases, so does the importance of finding a suitable wetting additive which enables high quality printing.

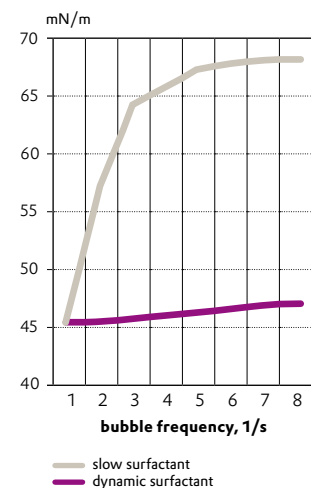
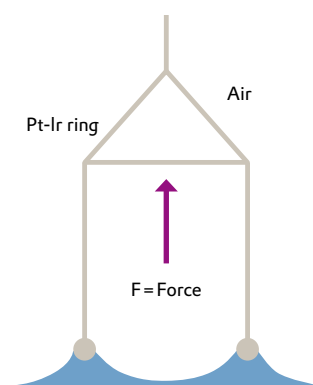
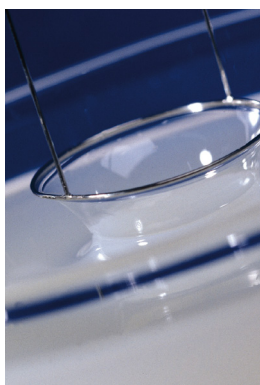
The challenge:

Not only do films have inherently lower surface energy compared to paper, they also frequently contain recycled content or must fulfill biodegradability requirements – lowering substrate quality. This, combined with increas-

ing print speeds, can pose significant challenges to ink formulators.

The solution:

To ensure problem-free print runs with excellent results, the right substrate wetting additive is needed. Efficient dynamic and equilibrium surface tension reduction are key factors affecting performance. **TEGO® Wet 236** offers a unique balance of dynamic and equilibrium surface tension reduction, making it our first choice for film substrates.



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**Performance
In Waterborne Inks**

- Excellent substrate wetting, ink transfer and defect prevention
- Unique combination of static and dynamic surface tension reduction
- Low foaming

Product Properties

- Siloxane-based superwetter
- 100% active, solvent-free
- Easy to incorporate

Print Run Example: Waterborne flexographic ink on a compostable film



competitive substrate wetting additive



TEGO® Wet 236

TEGO® Wet 236 compared to other Evonik substrate wetting additives



PRODUCT	Static surface tension	Dynamic surface tension	Wetting on film
TEGO® Twin 4100	+++	+	++
TEGO® Wet 236	++	++	+++
SURFYNOL® 420	+	+++	+

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