

ULTRAFINE™ 1W

ULTRAFINE™ 1W is a polytetrafluoroethylene fine powder used to improve surface properties of printing inks and coatings. **ULTRAFINE™ 1W** is designed for lubricity, abrasion and heat resistance and may be used in combination with other waxes for the most effective balance of cost and performance. Recommended usage level is 1 to 4%.

Applications

Heatset and sheetfed offset ink. UV, metal deco, overprint varnish. Aqueous and UV coatable, laser imprintable, and hot foil stampable. Coil, can, wood and powder coatings.

- ▲ COF reduction, enhanced slip and lubricity
- ▲ Excellent heat resistance
- ▲ Anti-blocking and anti-stick
- ▲ Mar and scuff resistance
- ▲ Minimal effect on gloss and rheology

Typical properties

Property	Value	Unit	Test Method
Grind (5 % in ink)	N-3	-	NPIRI Gage units, BAX-QC-201
Average Particle Size	7	microns	Malvern Analyzer
Specific Gravity	2.2	g/cc	

Updated May 16, 2025 by AH

Packaging

ULTRAFINE™ 1W is shipped in 200 lb drums.

Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 36 months. The product should be stored at temperatures between 10 and 30°C (50-86°F). The packaging should be kept tightly closed and stored in dry conditions.

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