



Lubrizol

PERFORMANCE COATINGS

LANCO™
MICRONIZED
WAXES AND
DISPERSIONS

WAX ADDITIVES FOR
PACKAGING INKS

Lanco™ micronized waxes and dispersions provide industry leading surface modifier solutions for the everchanging regulatory landscape as well as compliant products that offer the performance and value you require.



Are you looking to eliminate PTFE in your ink and packaging solutions but need to maintain performance? Lubrizol has developed formulations using grades of PTFE that are compliant with the EU legislation enabling inks with the same protection and aesthetic properties previously attained. Lubrizol’s technical team has also focused on development of PTFE-free* formulations to deliver similar properties to PTFE-containing wax additives. PTFE-free technologies are available in micronized and dispersed forms.

*Not intentionally added to the composition of this product.

VALUE DRIVEN BEST IN CLASS PERFORMANCE

Lubrizol maintains an optimized product offering designed to balance value and performance – a complete line of wax additives to meet diverse application requirements. These include polyethylene, amide, polypropylene, and a newly available PTFE line of products specifically targeted toward packaging ink applications. These novel additives enable advanced surface protection such as rub and abrasion resistance, anti-blocking and COF reduction along with cost savings that are required with many packaging products.



SUSTAINABILITY SOLUTIONS

In addition to PTFE-free solutions, Lubrizol offers a bio-based product range to meet current and future sustainability objectives for packaging inks. Perfect for packaging applications that require food grade compliance, our bio-based offerings provide performance while being environmentally conscious. These include amide, carnauba and other natural waxes that can be tailored to meet specific application requirements.

MICRONIZED

PRODUCT NAME	POLYMER TYPE	WATER-BASED	SOLVENT-BASED	RADIATION CURED	COF REDUCTION (SLIP)	RUB & ABRASION RESISTANCE	MATTING	ADDITIONAL BENEFITS
Lanco™ 1380 F & SF	Modified Polypropylene Wax	●	●	●	○	●	○	
Lanco™ 1390 F	Modified Polypropylene Wax	●	●	●		●	●	Antislip, good stablity in water based systems.
Lanco™ 1410 LF	Modified Polyethylene Wax	●	●	○	○	●	○	Soft feel.
Lanco™ 1510 EF	Modified Polyolefin Wax	○	●	●	●	●		Good alternative to PTFE based waxes.
Lanco™ 1560 LF	Modified Polyolefin Wax	●			○	●	○	Good for water based systems due to surface polarity.
Lanco™ 1580 LF	Polyethylene Wax	○	●	●	○	●	○	Surface hardness.
Lanco™ 1588 SF	Polyolefin Wax	○	●	●	●	●		Finer particle size than Lanco SM 2005.
Lanco™ 1794	PTFE		●	●	●	●		Premium PTFE for use in high quality inks systems.
Lanco™ 2510 SF	Modified Polyolefin Wax	○	●	●	●	●		Good alternative to PTFE based waxes.
Lanco™ 2520 SF & EF	Modified Polyolefin Wax	○	●	●	●	●		Good alternative to PTFE based waxes.
Lanco™ 5671	PTFE	●	●	●	●	●		Premium PTFE for use in high quality inks systems.
Lanco™ PP 1362 D & SF	Modified Polypropylene Wax	●	●	●	●	●		
Lanco™ SM 2001 C	PTFE Modified Polyolefin Wax	○	●	●	●	●	○	
Lanco™ SM 2005	Polyolefin Wax	○	●	●	○	○	○	
Lanco™ TF 1788 C	PTFE Modified Polyolefin Wax	○	●	●	●	●		Finer particle size than Lanco SM 2001 C.
Lanco™ TF 1780 C	PTFE Modified Polyethylene Wax	●	●	●	●	●		Higher PTFE content than Lanco TF 1788 C.
Pinnacle 2531	Proprietary Wax		●		●	●		Very good release properties.

DISPERSIONS

PRODUCT NAME	PRODUCT TYPE	WATER-BASED	SOLVENT-BASED	COF REDUCTION (SLIP)	RUB & ABRASION RESISTANCE	MATTING	ADDITIONAL BENEFITS
Lanco™ Glidd 6068	Oxidized Polyethylene Wax	●		○	●	○	Surface hardness.
Lanco™ Glidd 6148	Polyolefin Wax	●		●	●	○	High solids.
Lanco™ Glidd 9530 C	PTFE Modified Polyolefin Wax	●		●	●		
Liquitron™ 809	Polyethylene Wax		●	○	●	○	

EMULSIONS

PRODUCT NAME	PRODUCT TYPE	WATER-BASED	COF REDUCTION (SLIP)	RUB & ABRASION RESISTANCE	GLOSS RETENTION	ADDITIONAL BENEFITS
Aquaslip™ 677	Modified Paraffin Wax	●	○	○	●	Water beading.
Aquaslip™ 952	Carnauba Wax	●	●	●	●	
Liquilube™ 404 E**	High Density Polyethylene Wax	●	●	●	●	
Liquilube™ 405 E**	Polyolefin Wax	●	○	●	●	

● Highly Recommended
○ Suitable

** Regional versions are available

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The Lubrizol logo features the word "Lubrizol" in a bold, sans-serif font. A blue swoosh underline is positioned beneath the letters "Lubri", extending from the left and curving under the "Lubri" portion of the name.

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