

THE SUPERFORCE FOR SOLVENTBORNE INKS

TEGO® Variplus 1201 TF

Multi-functional co-binder boosting hardness, grind quality, gloss, color strength, adhesion and chemical & mechanical resistance



Why use co-binders?

Co-binders are specialty resins designed to enhance the performance characteristics of inks when added at usage levels of 2–10 % solid based on total formula weight.

High performance co-binders have excellent solubility and compatibility with inks and demonstrate distinct effects without negatively influencing other film properties or migrating out of the ink. A multitude of effects can be achieved with different co-binders, depending on their chemical composition, solubility and hardness.

Ink co-binders from Evonik Coating Additives – TEGO® Variplus

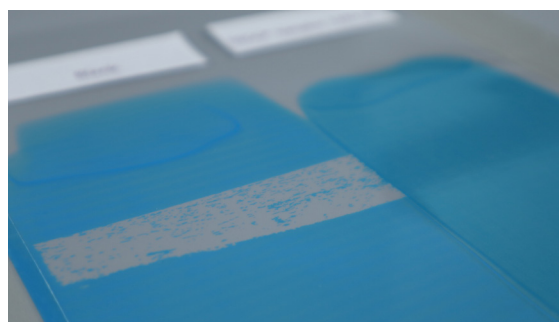
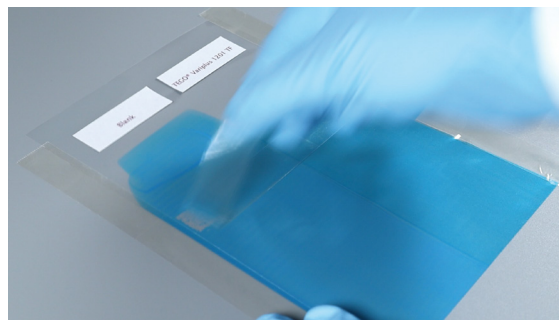
The TEGO® Variplus range of co-binders offers multiple products for solventborne inks, as well as waterborne and radiation-curing inks. Our ketonic resin technology platform allows for versatile variations and modifications to tailor properties like solubility, hardness and many others.

TEGO® Variplus 1201 TF

stands out as the hardest and most impactful co-binder available for solventborne inks. This unique ketonic PU hybrid resin provides multiple effects and is recommended for various ink systems, including PU inks.

Tape test on adhesion

left blank, standard solventborne ink
right same ink with addition of TEGO® Variplus 1201 TF
 (5 % solid on ink)



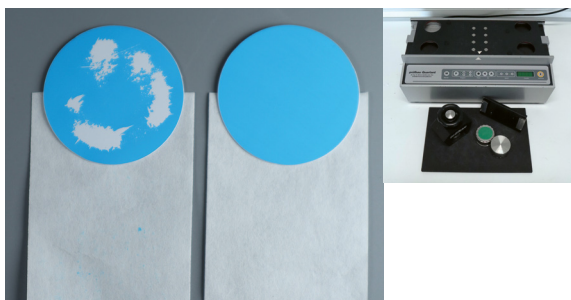
Click or scan the QR-code
for more information!

Key Benefits of TEGO® Variplus 1201 TF

- Improved pigment dispersion and viscosity reduction
- Outstanding gloss and color strength
- Adhesion on a variety of films and other substrates
- Improved mechanical resistance, such as
 - blocking resistance
 - heat seal resistance
 - rub resistance
- Improved chemical and bleeding resistance

Test on rub resistance

left blank, standard solventborne ink
 right same ink with addition of TEGO® Variplus 1201 TF (5 % solid on ink)



Substrate	Blank	TEGO® Variplus 1201 TF
PE	–	+
BoPP	–	+
PET	–	+
Paper	+	+
Alu	–	+

Test on blocking resistance

blank:
 standard solventborne ink
 TEGO® Variplus 1201 TF:
 10 % solid on ink



Product details TEGO® Variplus 1201 TF (NPA)

- Unique ketonic PU hybrid resin
 - Solution in ethylacetate (1201 TF) or n-propylacetate (1201 TF NPA)
 - Approx. 50 % active
- Very hard resin (TG approx. 130 °C)
- Compatible with manifold ink binders
- Globally available

More information and test results ...



Learn more about our
 cobinder portfolio in inks on
www.coatino.com/campus

Any questions?



evonik.click/contact
 or contact your account manager

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