



» PRODUCT BULLETIN

Avient Specialty Inks Sustainable Portfolio

Avient Specialty Inks understands the importance of sustainability in ensuring a livable and lasting future. We also understand how important our customers' sustainability goals are to them, which is why we made it our mission to deliver screen printing ink solutions that can reduce energy use, incorporate biopolymers, and are eco-conscious.

Look for the corresponding sustainability icons on bucket labels, product information bulletins (PIBs), and other marketing literature pieces to identify which products are in our portfolios of sustainable screen printing inks.



REDUCE

Solutions in Avient's Reduce portfolio reduce negative environmental impacts by using better, cleaner materials

that consume fewer natural resources and generate less waste in pre- and post- production while meeting or exceeding standards for quality and performance.



Reduced Energy Use

Screen printing inks in Avient Specialty Inks' reduced energy use portfolio is attributed to reducing energy consumption from typical alternatives. Reduced energy use is typically associated with faster cycle times, decreased carbon emissions, and lower energy costs.

Avient Specialty Inks offers a variety of low or flexible cure inks that not only reduce energy consumption but also minimize dye migration and prevent shrinkage of heat-sensitive fabrics. These inks cure as low as 250°F (121°C), as opposed to the 320°F (160°C) cure temperature of standard inks.



RENEW

Avient's Renew portfolio consists of responsibly designed products with specialty and renewable

materials thoughtfully engineered to ensure their ability to be transformed into new products or safely biodegraded after use.



Biopolymers

Biopolymer solutions are produced with biodegradable resources that can be converted back to natural substances at the end of their product life and/or bio-derived resources based on renewable energy and bio-based resources. Biopolymers can decrease the amount of landfill waste and preserve natural resources while performing at a level comparable to conventional polymers.

Avient Specialty Inks offers easy-to-print Bio Plastisol™ inks created with 50–59% bio-derived content.*

*Tested in accordance with ASTM D6866



PRESERVE




Avient's Preserve portfolio consistently applies a proactive sustainability mindset to the design and delivery of processes, products, systems, and services that consider how decisions and materials will impact the preservation of the world's precious natural resources and quality of life, now and in the future.

Eco-conscious

Eco-conscious inks offer a safer and more environmentally friendly alternative to traditional materials and processes. This includes replacing lead, BPA, phthalates, cured thermoset rubbers, and/or chemical or solvent-based processes. Implementing eco-conscious alternatives supports the conservation of natural resources and advances the circular economy.

Avient Specialty Inks offers eco-conscious alternatives to unnecessary and potentially harmful materials by offering water-based, silicone, and non-PVC inks.

AVIENT SPECIALTY INKS SUSTAINABLE PORTFOLIO

	Wilflex™	Rutland™	Union Ink™	Zodiac™	MagnaColours®	Printop™	ASI
 Reduced Energy Use	Epic™ Inks	Chill™ Inks	UPLC™ Inks	Libra™ Silicone Inks			Clear Inks Metallic Inks Stretch Inks
 Biopolymers	Revive™ Bio Plastisol™ Inks	Evolve™ Bio Plastisol™ Inks					
 Eco-conscious				Aquarius™ Water-based Inks Libra™ Silicone Inks Taurus™ Non-PVC Inks	MagnaPrint™ Water-based Inks MagnaTrans™ Water-based Transfers	ZFT™ Water-based Inks	

*All Avient Specialty Inks solutions are non-phthalate.

GLOBAL COMPLIANCE

Avient Specialty Inks is certified to **ZDHC Conformance Level 3 with ECO PASSPORT by OEKO-TEX**. To learn more about compliance standards and ECO PASSPORT certification numbers, please contact your Avient Specialty Inks distributor.



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