PRODUCT SELECTION GUIDE

RUTLAND™

Plastisol Screen Printing Ink

AVIENT™

Screen printers and brand owners face ever-changing market requirements, so it is imperative to have access to a portfolio of inks that set them up for success. Rutland™ offers an extensive range of innovative and inspiring plastisol screen printing inks and high-opacity mixing systems, providing a set of tools to meet challenging market needs.

QUALITY AND CONSISTENCY

Rutland™ products are produced to specific standards, with strict adherence to process, procedures, and documented compliance. This exacting process ensures our products are manufactured uniformly for every batch, creating consistent quality.

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

ROADMAP TO ZERO

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT

PROFESSIONAL SUPPORT NETWORK

Knowledgeable and Highly Experienced Team
Our Avient Specialty Inks sales team have many years of experience in the screen printing industry to help you innovate and succeed, provide troubleshooting support, and solve technical problems that you may encounter in your printing production environment. Our customer service team is always ready to support ordering and fulfillment requests, ensuring a seamless customer experience.

Broad Distributor Network
Our wide network of distributors are located globally to ensure Avient Specialty Inks products and services are available at your location and at your convenience.

Technical Expertise
We strive to help our customers stay ahead of marketplace trends and demands. Our qualified and experienced Avient Specialty Inks technical team are constantly looking at ways to improve performance of our products and to develop new technologies to meet emerging demands.

* Rutland ECO PASSPORT certification numbers:
21.0.85399
21.0.83009

WHITE PLASTISOL INKS

Cotton White Inks

- **Select Cotton White (EH9060)** is an underlay ink that offers great coverage on dark garments. The low tack formula allows printing through finer mesh counts without the need for a viscosity modifier. This white ink has great fiber mat down with a creamy consistency that produces soft prints with low after flash tack.

- **Street Fighter Cotton White (SF2) (EH9072)** is a day-to-day, multi-purpose white ink with exceptional brightness, satin hand, and matte finish. This cotton white ink has excellent opacity, great fiber mat down, creamy consistency with low after-flash tack, and great printability.

- **Silky Cotton White (EH9020)** is created for maximum smoothness and opacity on cotton fabrics. This white ink has excellent fiber mat down, is creamy, fast flashing, and has a low after-flash tack. Silky offers a boutique style matte gloss and satin finish with a high-end soft hand.

- **Chill™ Low Cure (LC) Cotton White (LC9802)** is an optically brightened, high-coverage ink recommended for vectors and halftones. Chill LC Cotton White is fast flashing and holds fine detail while offering superior printability on both manual and automatic presses. This ink offers excellent hand and fiber mat down while providing smooth printing as a stand alone or top white product.

- **Evolve™ Bio Plastisol™ Cotton White (BP9520)** is created with 56% bio-derived content and delivers excellent printability, great fiber mat down, a soft hand, and bright finish.

Poly-Cotton Blend White Inks

- **Street Fighter LB White (SF2) (EL9073)** is an extremely popular, multi-purpose low bleed ink with excellent brightness, satin hand, and matte finish. This ink offers great printability and coverage, while performing with a fast flash and great fiber mat down.

- **Premier LB White (EL9065)** is a high-opacity LB white developed for boutique styles and soft prints on thin, lightweight contemporary blends where dye blocking is not a concern. This minimal puff, low bleed ink is excellent for high output production floors and produces great results on an automatic press.

- **Snap White (EL9240)** is a durable, bright, opaque ink for ribbed and heavier fabrics. This popular low bleed ink has been developed to improve bridging properties in all types of mesh counts. Snap White has a very soft hand, a heavy body, low after-flash tack, great mat down, and a matte finish.

- **Chill™ Low Bleed (LB) Low Cure (LC) Tidy White (LB9804)** is a high-opacity, soft, creamy low bleed and low cure white ink that delivers superior printability over a range of garments. This ink has the opacity and brightness to perform admirably in vector stand-alone white graphics, while also having the ability to hold detail for fine mesh halftone graphics.

Polyester White Inks

- **Super Poly Plus White (EL9760)** is a premium plastisol ink created to print onto 100% polyester and polyester blended fabrics. This best-in-class poly white ink has the highest bleed resistance rating in the Rutland portfolio and performs with superior printability, coverage, and quick shear.

- **Chill™ Low Bleed (LB) Low Cure (LC) Poly White (LB9800)** is a flexible temperature cure ink for 100% poly fabrics. This ink allows for good dye migration control and lower energy consumption rates, even when printing on fabrics that exhibit unstable dyes. Chill Poly White shears down to a very creamy body and produces a bright, opaque, matte finish with soft hand and terrific fiber control.

- **Chill™ Low Bleed (LB) Low Cure (LC) Flex Poly White (LB9810)** is a flexible cure white ink with an excellent coverage and dye blocking abilities for a wide range of fabrics. When printing on fabrics that exhibit unstable dyes, this ink allows you to drop the cure temperature as low as 250°F (121°C), offering better dye migration control and lowering energy consumption costs.

RENEW

Biopolymer Inks

- 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.

- Avient Specialty Inks' biopolymer portfolio incorporates bio-derived resources that promote reducing screen printers' reliance on fossil fuel-based inks.

  Avient offers easy-to-print inks created with bio-derived content.

- **Evolve™ Bio Plastisol™ Cotton White** is created with bio-derived content, classifying it as a biopolymer ink.

REDUCE

Flexible Cure White Inks

- Inks and additives in Avient's Reduced Energy Use portfolio are attributed with reducing energy consumption from typical alternatives. Reduced energy use is commonly associated with faster cycle times, decreased carbon emissions, and lower energy costs.

  Avient 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 at temperatures as low as 250°F (121°C), as opposed to the standard 320°F (160°C) cure temperature of standard inks.

- **Rutland Chill LC Cotton White, Chill LB LC Tidy White, Chill LB LC Poly White** and **Chill LB LC Flex Poly White** are classified as flexible cure inks due to their reduced energy use capabilities.

PRINT GALLERY

Sustainability Spotlight

Biopolymers

Reduced Energy Use

WHITE PLASTISOL INKS

CATEGORY	COTTON WHITE INKS					POLY-COTTON BLENDS				POLYESTER WHITE INKS		
Product Name	**Select Cotton White**	**Street Fighter Cotton White (SF2)**	**Silky Cotton White**	**Chill LC Cotton White**	**Evolve Bio Plastisol Cotton White**	**Street Fighter LB White (SF2)**	**Premier LB White**	**Snap White**	**Chill LB LC Tidy White**	**Super Poly Plus White**	**Chill LB LC Poly White**	**Chill LB LC Flex Poly White**
Code	EH9060	EH9072	EH9020	LC9802	BP9520	EL9073	EL9065	EL9240	LB9804	EL9760	LB9800	LB9810
Plastisol type	Standard cure	Standard cure	Standard cure	Flexible cure	Bio Plastisol™	Standard cure	Standard cure	Standard cure	Flexible cure	Standard cure	Flexible cure	Flexible cure
Colors	White	White	White	White	White	White	White	White	White	White	White	White
SUBSTRATES												
Cotton	Excellent	Excellent	Excellent	Excellent	Excellent	Good (1)	Good (1)	Good (1)	Good (1)	Not recommended	Not recommended	Not recommended
Cotton/Polyeseter	Not recommended	Not recommended	Not recommended	Not recommended	Not recommended	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
100% Polyester	Not recommended	Not recommended	Not recommended	Not recommended	Not recommended	Good (2)	Good (2)	Good (2)	Good (3)	Excellent (2)	Excellent (3)	Excellent (3)
Athletic Nylon Mesh	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required
Tightly Woven Denier Cloths	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required
PROPERTIES AND PERFORMANCE												
Opacity	Good	Better	Best	Best	Best	Best	Better	Best	Best	Best	Best	Best
Bleed Resistance	N/A	N/A	N/A	N/A	N/A	Best	Better	Best	Best	Best	Better	Best
Hand	Good	Better	Best	Best	Best	Better	Good	Better	Better	Best	Best	Better
Wet-on-Wet Capability	No	No	No	No	No	No	No	No	No	No	No	No
APPLICATION												
Mesh	86–305 t/in	86–320 t/in	86–305 t/in	86–305 t/in	86–305 t/in	86–230 t/in	86–230 t/in	86–200 t/in	86–305 t/in	86–156 t/in	86–230 t/in	86–180 t/in
Flash	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	220°F (105°C)	280°F (138°C)	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	220°F (105°C)	140–150°F (60–65°C) on preheated pallets	150°F (65°C)	150°F (65°C)
Stencil	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct
Cure Temperature	320°F (160°C)	320°F (160°C)	320°F (160°C)	270–320°F (132–160°C)	320°F (160°C)	320°F (160°C)	320°F (160°C)	320°F (160°C)	270–320°F (132–160°C)	320°F (160°C)	250°–320°F (121°–160°C)	250°–320°F (121°–160°C)
Wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash
ADDITIVES												
Viscosity Reducer	K2910 Viscosity Buster	K2910 Viscosity Buster	K2910 Viscosity Buster	K2912 Viscosity Buster LC	K2910 Viscosity Buster	K2910 Viscosity Buster	K2910 Viscosity Buster	K2910 Viscosity Buster	K2912 Viscosity Buster LC	K2910 Viscosity Buster	K2912 Viscosity Buster LC	K2912 Viscosity Buster LC
Bonding Agent	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst
Extender	K2922 Soft Hand Clear/ K2920 Finesse	K2922 Soft Hand Clear/ K2920 Finesse	K2922 Soft Hand Clear/ K2920 Finesse	LC0000 Chill Relax Extender	K2922 Soft Hand Clear	Not recommended	Not recommended	Not recommended	Not recommended	Not recommended	Not recommended	Not recommended

(1) Perform all tests to avoid ghosting in cotton fabrics

(2) For challenging fabrics a bleed blocking underbase such as ES0266 Barrier Base is required

(3) For challenging fabrics a bleed blocking underbase such as LB0266 Chill™ LB LC Barrier Base is required

STANDARD COLOR INKS

Black Inks

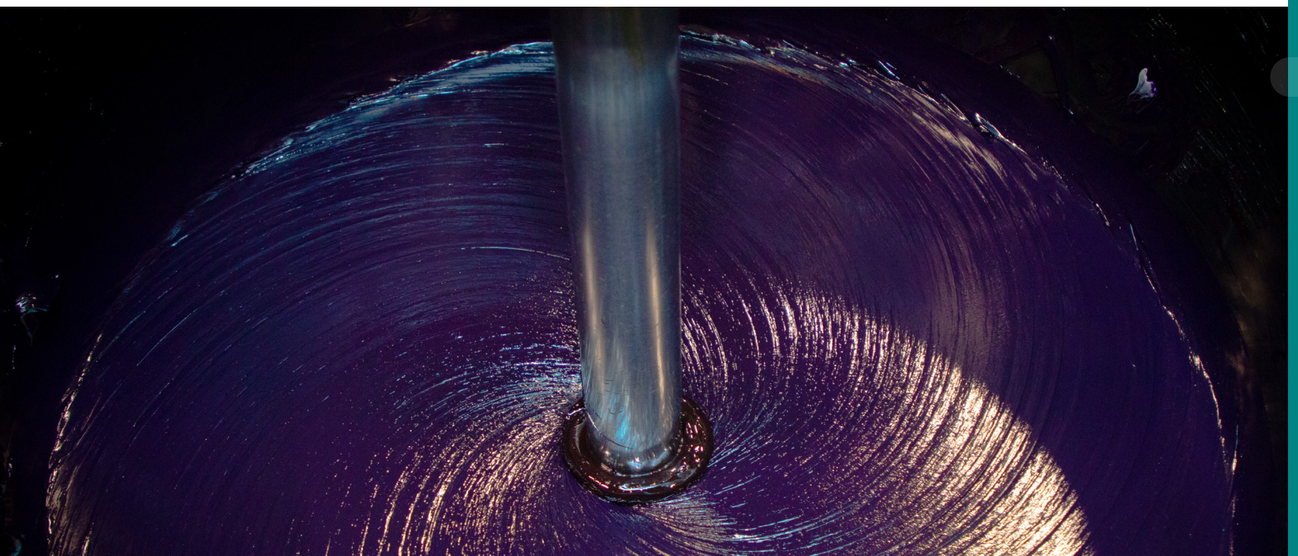
- **LX Black (EH8014)** is a press-ready standard black plastisol ink.
- **Solid Black (EH8033)** is a press-ready premium low gloss black plastisol ink with improved fiber mat down.
- **Matte Black (EH8099)** is a press-ready plastisol ink that does not “grey out” with repeated washes. This ink has a contemporary matte finish that not only feels and looks more desirable—it will flash slightly faster than a glossy black ink.
- **Chill™ LC Black (LC8033)** is a press-ready, plastisol ink with a wide cure temperature range for printing on cotton, blends, and 100% polyester fabrics.

Standard Colors

- **Chill™ Cotton (LC-0000)** colors consist of 23 flexible cure inks. These inks offer vibrant and opaque colors with excellent stretch and soft hand feel.
- **Chill™ Poly (LB-0000)** colors include 17 low bleed inks formulated to produce high opacity prints on 100% polyester fabrics.

Mixing Systems

- **M3 Low Cure System (M3-0000)** is an easy-to-use, highly accurate low-cure color matching ink mixing system. This system is much more forgiving than a PC based product, as it does not require as accurate of measure or base and additives to complete a formula.
- **C3 Ink System (C3-0000)** is a single pigmented color system with built in binders. Rutland offers a full range of additives to make this versatile and adaptive system a go-to for high output shops with strict color matching requirements, as well as smaller, custom shops looking to distinguish themselves from competitors.
- Rutland mixing inks are available for use on IMS 3.0, a proprietary color formulation software from Avient Specialty Inks. Offering tools for color creation and standardizing, IMS manages daily maneuvers in a highly functional ink room by providing color management and communication agility.



REDUCE

Flexible Cure Standard Colors

- Inks and additives in Avient’s Reduced Energy Use portfolio are attributed with reducing energy consumption from typical alternatives. Reduced energy use is commonly associated with faster cycle times, decreased carbon emissions, and lower energy costs.

  Avient 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 at temperatures as low as 270°F (132°C), as opposed to the standard 320°F (160°C) cure temperature of standard inks.

- **Rutland Chill LC Black** and **Chill Cotton Standard Colors** are classified as flexible cure inks due to their reduced energy use capabilities.

PRINT GALLERY

Sustainability Spotlight

Reduced Energy Use

STANDARD COLOR INKS

CATEGORY	BLACK INKS				STANDARD COLORS		MIXING SYSTEMS	
Product Name	**LX Black**	**Solid Black**	**Matte Black**	**Chill LC Black**	**Chill Cotton**	**Chill Poly**	**M3 LC System**	**C3 Ink System**
Code	EH8014	EH8033	EH8099	LC8033	LC-0000	LB-0000	M3-0000	C3-0000
Plastisol type	Standard cure	Standard cure	Standard cure	Flexible cure	Flexible cure	Flexible cure	Flexible cure	Standard cure
Colors	Black	Black	Black	Black	23 colors	17 colors	14 colors	17 pigment concentrate
SUBSTRATES								
Cotton	Excellent	Excellent	Excellent	Excellent	Excellent	Not recommended	Excellent	Excellent
Cotton/Polyeseter	Excellent	Excellent	Excellent	Excellent	Over a Chill LB LC Tidy White	Excellent	Over a low-bleed white	Over a low-bleed white
100% Polyester	Excellent	Excellent	Excellent	Excellent	Over a Chill LB LC Poly White	Excellent	Over a polyester white	Over Super Poly Plus White
Athletic Nylon Mesh	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required
Tightly Woven Denier Cloths	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required
PROPERTIES AND PERFORMANCE								
Opacity	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Best	Best
Bleed Resistance	N/A	N/A	N/A	N/A	N/A	Excellent	Over a low-bleed white	Over a low-bleed white
Hand	Better	Better	Better	Better	Better	Better	Best	Best
Wet-on-Wet Capability	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
APPLICATION								
Mesh	86-230 t/in	86–230 t/in	86–230 t/in	110-305 t/in	86–230 t/in	86–230 t/in	86–305 t/in	86–305 t/in
Flash	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	220°F (105°C)	150°F (66°C)	220°F (105°C)	140–150°F (60–65°C) on preheated pallets
Stencil	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct
Cure Temperature	320°F (160°C)	320°F (160°C)	320°F (160°C)	270–320°F (132–160°C)	270–320°F (132–160°C)	250–300° F (121–149° C)	270–320°F (132–160°C)	320°F (160°C)
Wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash
ADDITIVES								
Viscosity Reducer	K2910 Viscosity Buster	K2910 Viscosity Buster	K2910 Viscosity Buster	K2912 Viscosity Buster LC	K2912 Viscosity Buster LC	K2912 Viscosity Buster LC	K2912 Viscosity Buster LC	N/A
Bonding Agent	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	N/A
Extender	ES0250 Chino Base/Reducer	K2922 Soft Hand Clear/ K2920 Finesse	K2922 Soft Hand Clear/ K2920 Finesse	LC0000 Chill Relax Extender	LC0000 Chill Relax Extender	Not recommended	LC0000 Chill Relax Extender	N/A

BASES AND OTHERS

- **Barriers:** Bases created to control dye bleed in difficult garments, such as blends, 100% polyester, and sublimated fabrics.

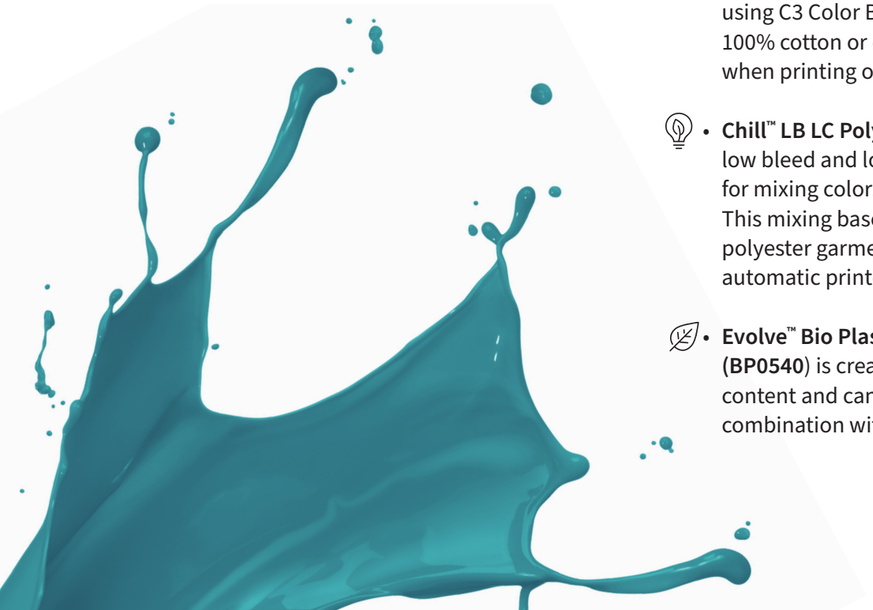
- **Mixing Bases:** Bases created to be used with our Rutland C3 pigments, available in standard cure and flexible cure chemistries.

- **Extenders:** Clear bases created to be mixed with Avient's ready-for-use inks in light color garments.

Bleed Blockers

- **Barrier Base (ES0266)** is a high-opacity, low bleed underbase that has been formulated for 100% polyester. This base prints with a satin finish and is grey in color, similar to Pantone 430C. This product also works to block fabric color migration when printing a clear top coat over a white.

- **LB0266 Chill™ LB LC Barrier Base** is an underbase product developed to block migration of unstable garment dyes on poorly dyed fabrics. Chill Barrier Base achieves ink film fusion as low as 250°F (121°C) when printing on polyester and other synthetic garments.



Mixing Bases

- **VO Base (EH0540)** is a press-ready, plastisol base for mixing colors using C3 Color Boosters. VO Base prints on 100% cotton or over a low bleed underlay when printing on poly/cotton blends.

- **HO Matte Base (EH0542)** is a press-ready plastisol matte base for mixing colors using C3 Color Boosters. HO Matte Base prints on 100% cotton or over a low bleed underlay when printing on poly/cotton blends.

- **Opaque Chino Base (EH0245)** produces extremely soft, tone-on-tone prints, while also acting as a reducer. This product can be used to create vintage style prints.

- **Poly Base (EL0746)** is a press-ready, low bleed plastisol base used to mix colors for printing on 100% polyester. For optimal protection against dye migration, this should always be used with Super Poly Plus White. Where severe bleeding is a problem, utilize ES0266 Barrier Base as an underbase for maximum protection against dye migration.

- **Chill™ LC Cotton Mixing Base (LC0540)** is a press-ready plastisol base for mixing colors using C3 Color Boosters. LC0540 prints on 100% cotton or over a Chill low bleed underlay when printing on poly/cotton blends.

- **Chill™ LB LC Poly Mixing Base (LB0746)** is a low bleed and low cure base for mixing colors using the C3 Color boosters. This mixing base is created for printing on polyester garments for both manual and automatic printers.

- **Evolve™ Bio Plastisol™ Cotton Mixing Base (BP0540**) is created with 59% bio-derived content and can be used as an underbase or in combination with Rutland C3 Color Boosters.

Extenders

- **Natural Base M3 (M30063)** is created to be mixed into the M3 ink system to extend the volume of ink.

- **Chino Base/Reducer (ES0250)** allows for an extremely soft Sepia tone or tone-on-tone prints for a variety of subdued looks. This base can be colored to your specifications by mixing up to 30% C3 Color Boosters wtih 70% Chino Base. This product can also be used as a reducer for plastisol applications.

REDUCE

Flexible Cure Bases and Others

- Inks and additives in Avient's Reduced Energy Use portfolio are attributed with reducing energy consumption from typical alternatives. Reduced energy use is commonly associated with faster cycle times, decreased carbon emissions, and lower energy costs.

  Avient 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 at temperatures as low as 250°F (121°C), as opposed to the standard 320°F (160°C) cure temperature of standard inks.

- When paired with flexible cure inks, **Chill LB LC Barrier Grey, Chill LC Cotton Mixing Base** and **Chill LB LC Poly Mixing Base** can reduce energy usage.

RENEW

Biopolymer Inks

- 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.

- Avient Specialty Inks' biopolymer portfolio incorporates bio-derived resources that promote reducing screen printers' reliance on fossil fuel-based inks.

  Avient offers easy-to-print inks created with bio-derived content.

- **Evolve™ Bio Plastisol™ Cotton Mixing Base** is created with bio-derived content, classifying it as a biopolymer ink.

PRINT GALLERY

Sustainability Spotlight

Biopolymers

Reduced Energy Use

BASES AND OTHERS

CATEGORY	BLEED BLOCKERS		MIXING BASES							EXTENDERS
Product Name	**Barrier Base**	**Chill LB LC Barrier Base**	**VO Base**	**HO Matte Base**	**Opaque Chino Base**	**Chill LC Cotton Mixing Base**	**Evolve Bio Plastisol Cotton Mixing Base**	**Poly Base**	**Chill LB LC Poly Mixing Base**	**Natural Base M3**
Code	ES0266	LB0266	EH0540	EH0542	EH0245	LC0540	BP0540	EL0746	LB0746	M30063
Plastisol type	Standard cure	Flexible cure	Standard cure	Standard cure	Standard cure	Flexible cure	Bio Plastisol™	Standard cure	Flexible cure	Standard cure
Colors	Grey	Grey	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SUBSTRATES										
Cotton	N/A	N/A	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	N/A	Excellent
Cotton/ Polyeseter	Excellent	Excellent	Good (1)	Good (1)	Good (1)	Good (2)	Good (1)	Excellent	Excellent	Good (1)
100% Polyester	Excellent	Excellent	Good (1)	Good (1)	Good (1)	Good (2)	Good (1)	Excellent (1)	Excellent (2)	Good (1)
Athletic Nylon Mesh	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required
Tightly Woven Denier Cloths	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required	Catalyst required
PROPERTIES AND PERFORMANCEw										
Opacity	N/A	N/A	Best	Best	Better	Best	Best	Best	Best	Low
Bleed Resistance	Excellent	Excellent	N/A	N/A	N/A	N/A	N/A	Good (1)	Good (2)	N/A
Hand	N/A	N/A	Best	Best	Better	Best	Best	Better	Better	Best
Wet-on-Wet Capability	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes
APPLICATION										
Mesh	86–110 t/in	86–110 t/in	86–230 t/in	86–320 t/in	305 t/in	86–305 t/in	86–305 t/in	86–230 t/in	86–230 t/in	110 t/in
Flash	140–150°F (60–65°C) on preheated pallets	150°F (66°C)	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	140–150°F (60–65°C) on preheated pallets	220°F (105°C)	280°F (138°C)	140–150°F (60–65°C) on preheated pallets	220°F (105°C)	140–150°F (60–65°C) on preheated pallets
Stencil	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct
Cure Temperature	320°F (160°C)	250–320°F (121–160°C)	320°F (160°C)	320°F (160°C)	320°F (160°C)	270–320°F (132–160°C)	320°F (160°C)	320°F (160°C)	250–320°F (121–160°C))	320°F (160°C)
Wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash	Non-phthalate standard plastisol cleaners or press wash
ADDITIVES										
Viscosity Reducer	K2910 Viscosity Buster	K2912 Viscosity Buster LC	K2910 Viscosity Buster	K2910 Viscosity Buster	K2910 Viscosity Buster	K2912 Viscosity Buster LC	K2910 Viscosity Buster	Viscosity Buster	K2912 Viscosity Buster LC	K2910 Viscosity Buster
Bonding Agent	Not recommended	Not recommended	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst	K2940 Hugger Catalyst
Extender	Not recommended	Not recommended	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

(1) For challenging fabrics a bleed blocking underbase such as ES0266 Barrier Base is required
(2) For challenging fabrics a bleed blocking underbase such as LB0266 Chill™ LB LC Barrier Base is required

www.rutlandinc.com

Always test inks prior to production to ensure fitness for your particular application. Customer is responsible for proper application, suitability, and cure of all inks.

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