

AVIENT SPECIALTY INKS

2942 THICKENER #2 and 2944 THICKENER #3

Avient™ Specialty Inks offers a range of thickeners used to increase viscosity of plastisol inks. Thickener #2 is a powder and Thickener #3 is a liquid thickener.

HIGHLIGHTS

- THICKENER 2 POWDER | 2942
- THICKENER 3 LIQUID | 2944



PRINTING TIPS

- 2942 THICKENER #2: White Powder- An excellent thickener for High Density printing. Add up to 1% by weight to thicken plastisol ink, results are immediate. By increasing viscosity, the ink film will sit on substrate surface, improving opacity. Excessive amounts of Thickener 2 will cause build-up on back of screen and accelerate the aging of the ink viscosity. High speed, high shear mixing will disperse powder without lumping. Be cautious to not overheat the ink
- 2944 THICKENER #3: Highly concentrated liquid thickener to increase viscosity and body of plastisol inks. Mix Thickener #3 at 0.5 - 1% by weight (MAXIMUM) . Be sure to weigh the amount precisely, as an overaddition can dramatically reduce printability. Stir thoroughly using a low shear mechanical mixer or by hand. Do not over mix to the point of creating friction (high heat) as it could cause the plastisol to gel causing lumps. After mixing, wait a minimum of 2 hours before printing or testing for viscosity

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit www.avientspecialtyinks.com/services/compliance-support

PRECAUTIONS

The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications

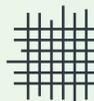


RECOMMENDED PARAMETERS



Fabric Types

see relevant PIB



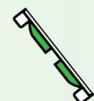
Mesh

Count: see relevant PIB
Tension: see relevant PIB



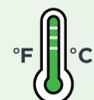
Squeegee

Durometer: see relevant PIB
Profile: see relevant PIB
Stroke: see relevant PIB
Angle: see relevant PIB



Stencil

see relevant PIB
Off Contact: see relevant PIB
Emulsion Over Mesh: see relevant PIB



Flash & Cure

Flash: see relevant PIB
Cure: see relevant PIB



Pigment Loading

N/A



Additives

N/A



Storage

65-90°F (18-32°C)
Avoid direct sunlight
Use within one year of receipt



Clean Up

Dispose unused ink responsibly.
Standard plastisol cleaners, press wash, or ink degradant



Health & Safety

Find SDS information here:
www.avient.com/resources/safety-data-sheets
or contact your local CSR



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