



AVIENT SPECIALTY INKS

ASI Thickener#2 and ASI 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

- ASI Thickener #2 Powder
- ASI Thickener #3 Liquid

PRINTING TIPS

- ASI Thickener #2 Powder - This is an excellent powder thickener for high-density printing. Add up to 1% by weight to thicken plastisol ink, with immediate results. By increasing viscosity, the ink film will settle to the substrate surface, improving opacity. Excessive Thickener #2 will cause buildup on the back of the screen and accelerate ink viscosity aging. High-speed, high-performance mixing will disperse the powder without clumping. Be careful not to overheat the ink.
- ASI Thickener #3 Liquid - A highly concentrated liquid thickener for increasing the viscosity and body of plastisol inks. Mix Thickener #3 at 0.5-1% by weight (Maximum). Be sure to weigh the amount accurately, as excess can dramatically reduce printability. Mix thoroughly using a low-speed mechanical mixer or by hand. Do not overmix to the point of friction (excessive heat), as this may cause the plastisol to gel, causing lumps. After mixing, wait a maximum of 2 hours before printing or checking 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



AVIENT
SPECIALTY
INKS

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PRODUCT INFORMATION BULLETIN



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