

# SIGMA+ | TSK3646

## Superior Performance on Any Surface

FOR HP45SI TECHNOLOGY



## NON-CMR, PFAS-FREE, EXCEPTIONAL ADHESION

SIGMA+ is a solvent black ink for HP45si technology formulated to have the highest level of durability and adhesion, producing dark and crisp impressions across a wide range of substrates while maintaining the exceptionally long decap time of the SIGMA family of inks.



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## Performance Data

Optical Density

Decap Time

Dry Time

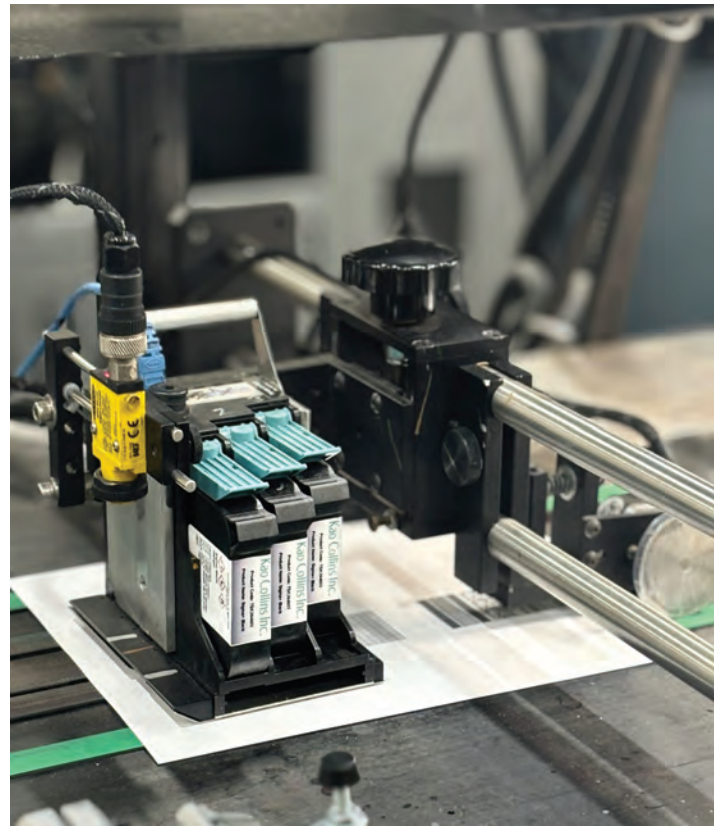
Substrate Adhesion

Substrate Wetting

## Technical Specifications

Ink Type	Solvent
Color	Black ■
Colorant	Dye
Firing Parameters	Voltage: 9.0V Pulse: 1.8µs
Pulse Warning	Off
Open Time	~16hrs
Shelf Life	24mo from MFG
Bulk Use	Suitable
Storage Conditions	10°C ~ 30°C
Operating Conditions	10°C ~ 40°C; >30% RH
Maintenance	Gently wipe printhead with a dry, lint-free cloth
Downtime	<1 day down: leave cartridges in printer, wipe and purge before next use. >1 day down: remove cartridges from machine and seal with cartridge clip. Wipe and purge before next use.

Note: Performance results dependant on individual application e.g. substrate, environment, orientation.



## Target Applications

Marking and Coding

Packaging

Labeling

## For Nonporous Media

Flexible Films

PE

PP

PET

Overcoat Varnishes

AQ

EC

Plastics

Acrylic

ABS

PC

PVC

Rubber

Glass

Metals

## Regulatory Compliance

EuPIA

PFAS Free

Non-CMR

REACH SVHC

