

# SIGMA+

## Superior Performance on Any Surface

WITH HP INKJET TECHNOLOGY



### NON-CMR, PFAS-FREE

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.

**HEADQUARTERS**

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SIGMA+ | TSK3646

Technical Specifications	
Ink Type	Solvent
Color	Black
Colorant	Dye
Firing Parameters	Voltage: 9.0V Pulse Width: 1.8 $\mu$ s
Pulse Warming	Off
Open Time	~ 16 hrs
Shelf Life	TBD
Bulk Use	Suitable
Storage Conditions	10°C ~ 30°C
Operating Conditions	10°C ~ 40°C; >30% RH
Maintenance	Gently wipe printhead with a dry, lintfree cloth
Downtime	< 1 day down: leave cartridges in machine, wipe/purge before next use  > 1 day down: remove cartridge from machine and seal with cartridge clip, wipe/purge next use

Note: Performance results depend on individual application parameters, such as substrate, environment, and print orientation.

Performance Data				
Optical Density	_____	_____	_____	_____
Dry Time	_____	_____	_____	_____
Substrate Adhesion	_____	_____	_____	_____
Substrate Wetting	_____	_____	_____	_____
Decap Time	_____	_____	_____	_____

For Non-porous Media	
OPP	PP
PET	PE
AL	BLISTER FOIL
RUBBER	GLASS
AQUEOUS VARNISH COAT	
GRAVURE PRINT SURFACE	PAPER

Application Example	
O.D 100% Coverage Bar	2.52
Dry Time Size 12 Arial Text	< 3s

600x300DPI, Aluminum Foil



Regulatory Compliance			
EuPIA	REACH SVHC	Non-CMR	PFAS Free



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