



### Order NovaCentrix Inks Online

NovaCentrix inks can be purchased in sample quantities directly on our web store at [store.novacentrix.com](http://store.novacentrix.com) or from our website at [www.novacentrix.com](http://www.novacentrix.com).

# Inks Summary

Ink	Pigment	Loading Weight %	Substrates	Thermal cure minimum (C)*	Usage comments	Example application areas
<b>INKJET INKS</b>						
JS-B40G	Silver nanoparticles	40	non-porous (plastics, glass)	180	Dimatix, Xaar, others	circuits on glass or ITO, e.g. proximity switches
JS-B25HV	Silver nanoparticles	25	porous (Novele, photo paper)	25	Dimatix, Xaar, others	circuits on coated plastic, e.g. membrane switches
JS-B25P	Silver nanoparticles	25	porous (Novele, photo paper)	25	Desktop piezoelectric printers	tamper-proof seals
ICI-002HV	Copper oxide nanoparticles	16	porous (Novele)	NA	Dimatix, Xaar, others; requires PulseForge processing	UHF antenna on coated plastic
ICI-003	Copper oxide nanoparticles	10	porous (Novele)	NA	Desktop piezoelectric printers; requires PulseForge processing	Plasmonic reflectors
JR-DEV	Carbon nanoparticles	3 - 5	porous / non-porous	varies	Dimatix, Xaar, Epson, others; developmental inks	On board heaters / electrochemical sensors
<b>FLEXOGRAPHIC INKS</b>						
PFI-722	Silver nanoparticles	60	porous / non-porous (plastics)	80		Conductive grid pattern on plastic
<b>GRAVURE INKS</b>						
PFI-722	Silver nanoparticles	60	porous / non-porous (plastics)	80	Some hazing present	
<b>SCREEN INKS</b>						
HPS-021LV	Silver micron flake	75	porous / non-porous (plastics, glass)	120		HF RFID antenna
HPS-030LV	Silver nano flake	75	porous / non-porous (plastics, glass)	175		Solar cell collection grid
PSI-211	Silver nanoparticles	42	porous / non-porous (plastics)	80		Battery electrode
PSI-219	Silver nanoparticles	41	porous / non-porous (plastics)	80		Embedded electronics into graphics
ICI-021	Copper oxide nanoparticles	60 - 70	porous (paper)	NA	Requires PulseForge processing	UHF RFID antenna on paper
HPS-DEV	Silver micron / nano flake	varies	porous / non-porous (plastics, glass)	120	Developmental inks	Solderable prints; solvent-resistant circuits
HPN-DEV	Nickel micron flake	varies	porous / non-porous (plastics, glass)	varies	Developmental inks	Magnetic switches
HPR-DEV	Carbon nanoparticles	varies	porous / non-porous (plastics, glass)	varies	Developmental inks	Large area printed heaters
<b>AEROSOL JET INKS</b>						
HPS-030AE1	Silver nano flake	55	porous / non-porous (plastics, glass)	175	Pneumatic system	Printed faraday cages / ground planes; antennae
PSPI-1000	Silver nanoparticles	38	porous / non-porous (plastics)	80	Pneumatic system	3D antennae
<b>SPRAY INKS</b>						
PSPI-1000	Silver nanoparticles	38	porous / non-porous (plastics)	80		Large area electrodes