



Order NovaCentrix Inks Online

NovaCentrix inks can be purchased in sample quantities directly on our web store at store.novacentrix.com or from our website at www.novacentrix.com.

Inks Summary

Ink	Pigment	Loading Weight %	Substrates	Thermal cure minimum (C)*	Usage comments	Example application areas
-----	---------	------------------	------------	---------------------------	----------------	---------------------------

INKJET INKS

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

FLEXOGRAPHIC INKS

PFI-722	Silver nanoparticles	60	porous / non-porous (plastics)	80		Conductive grid pattern on plastic
---------	----------------------	----	--------------------------------	----	--	------------------------------------

GRAVURE INKS

PFI-722	Silver nanoparticles	60	porous / non-porous (plastics)	80	Some hazing present	
---------	----------------------	----	--------------------------------	----	---------------------	--

SCREEN INKS

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

AEROSOL JET INKS

HPS-030AE1	Silver nano flake	55	porous / non-porous (plastics, glass)	175	Pneumatic system	Printed faraday cages/ ground planes; antennas
PSPI-1000	Silver nanoparticles	38	porous / non-porous (plastics)	80	Pneumatic system	3D antennas

SPRAY INKS

PSPI-1000	Silver nanoparticles	38	porous / non-porous (plastics)	80		Large area electrodes
-----------	----------------------	----	--------------------------------	----	--	-----------------------