



**DNSC**

diversified nano  
solutions corp

# Price List and Product Overview End User



2017 | 1.1

Series	Carrier Type	Density g/ml	Colorant	Particle Size (nm)	Mag Sig. %	pH	Visc. cps	S/T dyn/cm	OD	Special Effect	Colorant Stability	Operating / Storage	Shelf Life. Years
<b>K MICR</b>	Aqu.	1.2-1.6	Pig.	50	40-150%	6.8-8.5	4 -13	30-42	92-99	Magnetic	< 1800 C	15-45C / -10-60C	2
<b>V Value</b>	Aqu., Solvent	1.05-1.12	Dye	NA	NA	6.8-8.5	2 -13	30-42	95-110	None	< 400 C	15-35C / 0-60C	2
<b>E Elite</b>	Aqu., Solvent UV curing	1.05-1.15	Pig.	<170	NA	6.8-8.5	2 -13	30-42	99-125	None	< 400 C	15-35C / 0-60C	2
<b>I Invisible IR UV fluorescent</b>	Aqu., Solvent UV Curing	1.05-1.1	Dye/Pig.	<170	NA	6.8-8.5	3 -13	30-42	NA	iRed, iGreen iBlue, iOrange iYellow, iWhite iCustom color	< 250 C	15-35C / 0-60C	2
<b>S Special</b>	Aqu., Solvent UV Curing	1.05-1-15	Dye/Pig.	<170	NA	6.8-8.5	2 -13	30-42	92-120	None	< 400 C	15-35C / 0-60C	2
<b>M Magnetic Fluid</b>	Aqu.	1.7-1.95	Pig.	50+/-20	200-250%	6.8-8.5	5 -13	30-42	92-94	Magnetic	< 1800 C	15-35C / 0-60C	2

## Compatibility: Inkjet Print Systems and Devices based on Thermal and Piezo Inkjet Print Heads

Brother, Canon, HP, Domino, Xerox, Kodak VersaMark VL, Impika, Funai, Konica Minolta, Amica Systems, Ricoh, Epson, Screen, Kyocera, Panasonic, FujiFilm / Dimatix, Xerox and more. Please contact Diversified Nano Solutions Corporation for further details.

**Note:** M-Series consists of highly concentrated magnetic nano particles dispersed in water which requires further Ink additives for inkjet compatibility. Inkjet Systems based on Memjet print heads are limited to dye-based inks or pigmented inks with less than 50nm pigment diameter.

## MICR K-Series



Part#	Description	Suggested End User Price /L*
Km1XK	x-nano™ Elite Black MICR K1	\$449
Km2XK	x-nano™ Elite Black MICR K2	\$395
Km3XK	x-nano™ Elite Black MICR K3	\$449
Km4XK	x-nano™ Elite Black MICR K4	\$495
Km5XK	x-nano™ Elite Black MICR K5	\$595
Km4aXK	x-nano™ Elite Black MICR K4a	\$229
Km7XK	x-nano™ Elite Black MICR KA40	\$179
Km8XK	x-nano™ Elite Black MICR KB80	\$245

## Dye V-Series



Part#	Description	Suggested End User Price /L*
K1XV	x-nano™ Premium Black	\$23
C1XV	x-nano™ Premium Cyan	\$29
M1XV	x-nano™ Premium Magenta	\$29
Y1XV	x-nano™ Premium Yellow	\$29
O1XV	x-nano™ Premium Orange (Spot)	\$39
B1XV	x-nano™ Premium Blue (Spot)	\$39
G1XV	x-nano™ Premium Green (Spot)	\$39
R1XV	x-nano™ Premium Red (Spot)	\$39

## Pigment E-Series



Part#	Description	Suggested End User Price /L*
<i>Offset Stock Compatible</i>		
K2XE	x-nano™ Elite Black 2 OSC	\$59
C2XE	x-nano™ Elite Cyan 2 OSC	\$59
M2XE	x-nano™ Elite Magenta 2 OSC	\$59
Y2XE	x-nano™ Elite Yellow 2 OSC	\$59
<i>UV Cure</i>		
K3XE	x-nano™ Elite Black 2 UVC	\$69
C3XE	x-nano™ Elite Cyan 2 UVC	\$69
M3XE	x-nano™ Elite Magenta 2 UVC	\$69
Y3XE	x-nano™ Elite Yellow 2 UVC	\$69

## Invisible I-Series



Part#	Description	Suggested End User Price /L*
R1XI	x-nano™ Invisible UV Red	\$499
G1XI	x-nano™ Invisible UV Green	\$499
B1XI	x-nano™ Invisible UV Blue	\$399
W1XI	x-nano™ Invisible UV White	\$499
O1XI	x-nano™ Invisible UV Orange	\$499
Y2XI	x-nano™ Invisible UV Yellow	\$499
K1XI	x-nano™ Invisible Black IR (783)	\$699
K2XI	x-nano™ Invisible Black IR (820)	\$699
K3XI	x-nano™ Invisible Black IR (960)	\$699
K4XI	x-nano™ Invisible Black IR (1040)	\$699

## Pigment E-Series



Part#	Description	Suggested End User Price /L*
K1XE	x-nano™ Elite Black	\$32
C1XE	x-nano™ Elite Cyan	\$39
M1XE	x-nano™ Elite Magenta	\$39
Y1XE	x-nano™ Elite Yellow	\$39
O1XE	x-nano™ Elite Orange (Spot)	\$59
B1XE	x-nano™ Elite Blue (Spot)	\$59
G1XE	x-nano™ Elite Green (Spot)	\$59
R1XE	x-nano™ Elite Red (Spot)	\$59
X1XE	x-nano™ Elite Custom	##

## Special S-Series



Part#	Description	Suggested End User Price /L*
Ks6XK	x-nano™ Elite Black Km6 (for MICR)	\$49
K1XS	x-nano™ Elite Black Fast-Dry	\$59
K2XS	x-nano™ Elite Black FDX UltraFast-Dry	\$69
R1XS	x-nano™ Elite Red Fast-Dry	\$79
R2XS	x-nano™ Elite Red FDX UltraFast-Dry	\$89
B1XS	x-nano™ Elite Blue Fast-Dry	\$79
B2XS	x-nano™ Elite Blue FDX UltraFast-Dry	\$89
G1XS	x-nano™ Elite Green Fast-Dry	\$89
G2XS	x-nano™ Elite Green FDX UltraFast-Dry	\$99
N2XS	x-nano™ Universal JetFix 1 – Flush	\$12
N2XS	x-nano™ MICR Flush JetFix 2a – Flush	\$59

## M-Series

Concentrated Magnetic Fluid Dispersion (aqu.)



Part#	Description	SRP/L
MFI-X	x-nano™ Magnetic Fluid 1 (1.65g.ml)	\$980
MFM-X	x-nano™ Magnetic Fluid 2 (>1.75g ml)	\$1100



## x-Series Special Effect Materials

### Photo Luminescent Pigment Powder

Part#	Description	Suggested End User Price /Kg*
XPLG-001/999	x-nano™ PhotoLum Green	\$249
XPLB-001/999	x-nano™ PhotoLum Blue	\$249
XPLV-001/999	x-nano™ PhotoLum Violet	\$249
XPLR-001/999	x-nano™ PhotoLum Red	\$249
XPLW-001/999	x-nano™ PhotoLum White	\$249

### UV-Fluorescent Pigment Powder (10-20um)

Part#	Description	Suggested End User Price /Kg*
XUVG-510-540P	x-nano™ UVF Green	\$1,499
XUVB-460-480P	x-nano™ UVF Blue	\$1,499
XUVR-620-640P	x-nano™ UVF Red	\$1,499
XUVY-560-580P	x-nano™ UVF Yellow	\$1,499
XUVO-590-610P	x-nano™ UVF Orange	\$1,499
XUWV-###P	x-nano™ UVF White	\$1,499

## UV-Fluorescent Pigment Base Dispersions

for Digital Ink Creation

Part#	Description	Suggested End User Price /Kg*
XUVG-510-540D	x-nano™ UVD Green	\$1,499
XUVB-460-480D	x-nano™ UVD Blue	\$1,499
XUVR-620-640D	x-nano™ UVD Red	\$1,499
XUVY-560-580D	x-nano™ UVD Yellow	\$1,499
XUVO-590-610D	x-nano™ UVD Orange	\$1,499
XUWV-###D	x-nano™ UVD White	\$1,499

## x-Series Special Effect Materials

### IR - Absorbing Pigment & Dye Powder

Part#	Description	Suggested End User Price /Kg*
XIRK-780-790P	x-nano™ IR-Absorbing 780-790	\$10,499
XIRK-810-850P	x-nano™ IR-Absorbing 810-850	\$7,499
XIRK-880-940P	x-nano™ IR-Absorbing 880-940	\$8,499
XIRK-1000-1040P	x-nano™ IR-Absorbing 1000-1040	\$8,499
XIRK-1070P	x-nano™ IR-Absorbing 1070	\$12,499

### IR - Absorbing Pigment Dye Based Dispersions for Digital Ink Creation

Part#	Description	Suggested End User Price /Kg*
XIRK-780-790D	x-nano™ IR-Absorbing Disp. 780-790	\$2,499
XIRK-810-850D	x-nano™ IR-Absorbing Disp. 810-850	\$2,499
XIRK-880-940D	x-nano™ IR-Absorbing Disp. 880-940	\$2,499
XIRK-1K-1040D	x-nano™ IR-Absorbing Disp. 1000-1040	\$2,499
XIRK-1070D	x-nano™ IR-Absorbing Disp. 1070	\$2,499

## Food Grade Pigment Powder

for Creation of Ink, Dispersions, Paint, Paste, Gel

Part#	Description	Suggested End User Price /Kg*
FGK-001/999	x-nano™ Food Grade Black (P)	TBQ
FGB-001/999	x-nano™ Food Grade Blue (P)	TBQ
FGR-001/999	x-nano™ Food Grade Red (P)	TBQ
FGY-001/999	x-nano™ Food Grade Yellow (P)	TBQ
FGO-001/999	x-nano™ Food Grade Orange (P)	TBQ

## x-Series Special Effect Materials

### Thermo Chromic Pigment Powder

for Creation of Ink, Dispersions, Paint, Paste, Gel

Part#	Description	Suggested End User Price /Kg*
XTCG-001/999	x-nano™ ThermoChromic Green TC: 12, 15, 18, 22, 25, 28, 31, 33, 45, 50, 65 (Celsius)	\$1,499
XTCB-001/999	x-nano™ ThermoChromic Blue TC: 10, 15, 18, 22, 25, 28, 31, 33, 45, 50, 65, 70 (Celsius)	\$1,499
XTCR-001/999	x-nano™ ThermoChromic Red TC: 10, 15, 18, 22, 25, 28, 31, 33, 38, 40, 45 (Celsius)	\$1,499
XTCY-001/999	x-nano™ ThermoChromic Yellow TC: 15, 22, 28, 31, 33, 35, 45, 65 (Celsius)	\$1,499
XTCO-001/999	x-nano™ ThermoChromic Orange TC: 18, 22, 31, 33, 45, 65 (Celsius)	\$1,499

## x-Series Special Effect Materials

### Photo Chromic Pigment Powder

for Creation of Ink, Dispersions, Paint, Paste, Gel

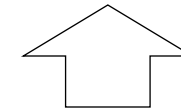
Part#	Description	Suggested End User Price /Kg*
XPCG-001/999	x-nano™ PhotoChromic Green Exciting: 250-440 nm ColorChange: 510-540 nm	\$1,499
XPCB-001/999	x-nano™ PhotoChromic Blue Exciting: 250-440 nm ColorChange: 460-480 nm	\$1,499
XPCR-001/999	x-nano™ PhotoChromic Red Exciting: 250-440 nm ColorChange: 620-640 nm	\$1,499
XPCY-001/999	x-nano™ PhotoChromic Yellow Exciting: 250-440 nm ColorChange: 560-580 nm	\$1,499
XPCO-001/999	x-nano™ PhotoChromic Orange Exciting: 250-440 nm ColorChange: 590-610 nm	\$1,499

## Service: Peace of Mind Ink Program

Part#	Description	Suggested End User Price /Unit
xnCC-FX	Container incl. Fill+ Label + Pack (1-20L)	TBQ
xnIV-F1	INKVERSE™ 1L Container + Label + Fill + Pack	\$25
xnIV-F2	INKVERSE™ 2L Container + Label + Fill + Pack	\$35
xnIV-F5	INKVERSE™ 5L Container + Label + Fill + Pack	\$59
xnIV-F10	INKVERSE™ 10L Container + Label + Fill +Pack	\$85
xnIV-F20	INKVERSE™ 20L Container + Label + Fill + Pack	\$125
xnCC-FXS	Storage & Drop-Ship	TBQ
xnCC-FXX	Peace of Mind Private Brand One-Time Setup Fee	TBQ
xnCID	x-nano™ Custom Ink Development & Production	TBQ

## HP TIJ 2.5 & INKVERSE™ Accessories

Part#	Description	Suggested End User Price /Unit
xnA-IVT25	INKVERSE™ Ready Refillable HP45/TIJ 2.5 incl. fill	\$25
xnA-NT25	New HP45/TIJ 2.5 Cartridge Single Use incl. fill	\$21
xnIV-F07	INKVERSE™ 760ml Container + Label + Fill+Pack	\$15
xnIV-F1	INKVERSE™ 1L Container + Label + Fill+Pack	\$20
xnA-IVY	INKVERSE™ Y-fitting ( 1 in 2)	\$2.5
xnA-IVY	INKVERSE™ Y-fitting ( 1 in 2)	\$2.5
xnA-IVX	INKVERSE™ X-fitting (1 in 3)	\$3.5
xnA-IVL1	INKVERSE™ Link 2x connect F-1m	\$35
xnA-IVL2	INKVERSE™ Link 2x connect F-2m	\$45
xnA-IVQFP	INKVERSE™ QuickFill and Prime Kit	\$65



All above listed

# Digital INK

available filled into cartridges or delivered  
 in bulk containers

## & Special Materials

## Water Based

HP 45  
MICR, Black,  
Red,  
Blue, Green  
40ml



HP 45  
Invisible  
UV fluorescent  
NIR absorbing  
Red Indelible  
40ml



- Fast dry, long decap time for high-productivity industrial printing
- For paper, labels, corrugated and more

Part#	Description	Suggested End User Price [\$] / Unit
xn45-3X1Gg	x-nano™ 3X1Gg MICR Black HP45 Print Cartridge	\$79.95
xn45-C8845A	x-nano™ Multi-Purpose Black HP45 Print Cartridge	\$32.95
xn45-C8846A	x-nano™ Multi-Purpose Red HP45 Print Cartridge	\$34.95
xn45-C8847A	x-nano™ Multi-Purpose Green HP45 Print Cartridge	\$34.95
xn45-C8848A	x-nano™ Multi-Purpose Blue HP45 Print Cartridge	\$34.95
<b>Invisible UV Fluorescent</b>		
xn45-IUVB	x-nano™ invisible UV fluorescent Blue HP45 Print Cartridge	\$59.95
xn45-IUVG	x-nano™ invisible UV fluorescent Yellow/Green HP45 Print Cartridge	\$79.95
xn45-IUVR	x-nano™ invisible UV fluorescent Red HP45 Print Cartridge	\$89.95
<b>NIR Absorbing</b>		
xn45-NIR820	x-nano™ invisible NIR absorbing HP45 Print Cartridge 820nm	\$144.95
xn45-NIR970	x-nano™ invisible NIR absorbing HP45 Print Cartridge 970nm	\$149.95
xn45-NIR1070	x-nano™ invisible NIR absorbing HP45 Print Cartridge 1070nm	\$149.95
<b>Special</b>		
xn45-IDBR70	x-nano™ IDBR70 Indelible Black -> Red HP45 Print Cartridge	\$69.95
xn45-IDP70	x-nano™ IDP70 Indelible Black -> Red Primer HP45 Print Cartridge	\$39.95



## Solvent Based



Part#	Description	Suggested End User Price [\$] / Unit
xn45-2580X	x-nano™ 2580X Black Solvent HP45 Print Cartridge	\$54.95
xn45-2581X	x-nano™ 2581X Red Solvent HP45 Print Cartridge	\$54.95
xn45-2582X	x-nano™ 2582X Green Solvent HP45 Print Cartridge	\$54.95
xn45-2583X	x-nano™ 2583X Blue Solvent HP45 Print Cartridge	\$54.95
xn45-2582UVF	x-nano™ 2583UVF invisible UV fluorescent Yellow/Green Solvent HP45 Print Cartridge	\$149.95
xn45-2583UVF	x-nano™ 2583UVF invisible UV fluorescent Blue Solvent HP45 Print Cartridge	\$149.99

- Fast dry, long decap time for high-productivity industrial printing
- For paper, corrugated, coated foils, flexible films, glossy boxes, hard plastics and more



