



ATIP INDUSTRIAL INKS

Learn more about AT Information Products and how Inks are driving the future of Product Identification and Package Coding.

ATIP leverages the best innovation in HP technology

TIJ ink and TIJ-related ink-delivery systems

- [HP Smart Cards](#), special-purpose microcontrollers that set ink types and custom firing parameters, and record, maintain, and report the ink level within an industry-leading 1% accuracy
- [HP hot-swappable bulk ink](#), so production never stops during ink changeovers
- [HP solvent-based inks](#) for nonporous surfaces, designed to dry on a range of surfaces, including foil, film, hard plastic, glossy boxes, and more.



More Substrates. More Possibilities.

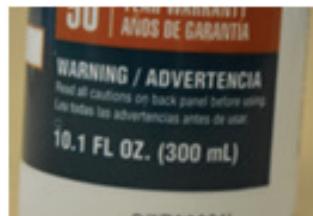
ATIP's expanded inks program increases printing efficiency, reduces the cost of each mark, and enables a greater number of package coding applications. See a small sample below of what's possible.



Plastic Bags



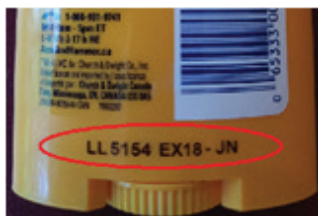
Chipboard



PVC



Foil



Plastic Tubes



Pulp



Metal Lids



Corrugate

Don't see your specific substrate? Contact ATIP to arrange print samples using your packaging materials. (201) 529-0202

Aqueous Inks

Product Name	Part #	Ink Vol	Cartridge	Firing Voltage	Pulse Width	Pulse Warming	Maz Frequency	Expiry
AUTOPRINT High Density SR Case Black	IC1956	40 ml	45a	11.0 V	1.9 sec	Off	12 kHz	18 mo
AUTOPRINT Case Black	IC1999	40 ml	45a	11.0 V	1.9 sec	On 40 C	12 kHz	18 mo
HP Spot Color Red	C6168A	40 ml	45a	11.0 V	1.9 sec	Off	12 kHz	18 mo
HP Spot Color Blue	C6170A	40 ml	45a	11.0 V	1.9 sec	On 40 C	12 kHz	18 mo
HP 1918 Dye Black	Q2344A	40 ml	45a	11.0 V	1.9 sec	Off	12 kHz	18 mo
HP Fast Dry Black	C6195A	40 ml	45a	11.0 V	1.9 sec	On 40 C	12 kHz	9 mo
HP Versatile Black	C8842A	40 ml	45a	11.0 V	1.9 sec	On 40 C	12 kHz	9 mo
HP Durable Black	CQ849A	40 ml	45a	11.0 V	1.9 sec	Off	12 kHz	18 mo

[IC1956](#) AUTOPRINT High Density SR Case Black

- High density print on porous and semi-porous substrates
- Excellent water resistance
- Paper, Gravure Print Surfaces



[IC1999](#) AUTOPRINT Case Black

- Hybrid water-based ink
- High density clear print on porous substrates
- Long decap times
- Excellent water resistance
- Paper, Gravure Print Surfaces



C6168A HP Spot Color Red

- Dye-based inks produce bright, eye-catching color
- Dries in less than one second on porous substrates
- Enables higher customer response rates; simple, easy product identification
- Paper, Gravure Print Surfaces



C6170A HP Spot Color Blue

- Dye-based inks produce bright, eye-catching color
- Dries in less than one second on porous substrates
- Enables higher customer response rates
- Paper, Gravure Print Surfaces



Q2344A HP 1918 Dye Black

- Supports coated and uncoated papers, labels, and specialty substrates
- Durable output, designed for minimum smearing or transfer
- Long decap time for intermittent printing

C6195A HP Fast Dry Black

- Fast dry time enables high-quality, high-speed printing
- Sharp, dark black text with high optical density in a single pass
- Fade and water resistance on a variety of substrates
- Paper, Gravure Print Surfaces

C8842A HP Versatile Black

- Sharp, dark black text with high optical density in a single pass
- Fast dry time and high durability, designed for minimum smearing or transfer
- Print on both coated and uncoated substrates without changing ink
- Paper, Gravure Print Surfaces

CQ849A HP Durable Black

- Substrate variety, including coated, aqueous overcoated, and varnished substrates
- Excellent durability and rub resistance
- Excellent barcode readability, high optical density at mid-range print speeds
- Paper, Gravure Print Surfaces



Solvent Inks

Product Name	Part #	Ink Vol	Cartridge	Firing Voltage	Pulse Width	Pulse Warming	Maz Frequency	Expiry
HP 2580 Black Solvent	B3F58B	40 ml	45si	8.7 V	1.8 sec	Off	12 kHz	9 mo
AUTOPRINT Smudge Resistant Black Solvent	IC1980	40 ml	45si	9.6 V	1.6 sec	Off	12 kHz	9 mo
AUTOPRINT Permanent Black Solvent	IC1996	40 ml	45si	8.8 V	1.8 sec	Off	12 kHz	6 mo
AUTOPRINT Red Solvent	IC2000	40 ml	45si	9.6 V	1.6 sec	Off	12 kHz	6 mo
AUTOPRINT White Solvent	IC2001	40 ml	45si	9.0 V	1.8 sec	Off	12 kHz	6 mo
AUTOPRINT Blue Solvent	IC2002	40 ml	45si	9.0 V	1.8 sec	Off	12 kHz	6 mo
AUTOPRINT Green Solvent	IC2003	40 ml	45si	8.6 V	1.8 sec	Off	12 kHz	6 mo
AUTOPRINT Yellow Solvent	IC2004	40 ml	45si	9.0 V	1.8 sec	Off	12 kHz	6 mo
AUTOPRINT Light Blue Solvent	IC2006	40 ml	45si	9.0 V	1.8 sec	Off	12 kHz	6 mo

B3F58B HP 2580 Black Solvent

- Fast dry time, long decap time for high-productivity intermittent industrial printing
- HP solvent ink for coated foils, flexible films, glossy boxes, hard plastics, and more
- High-quality small character and barcode readable output
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Gravure Print Surfaces, Rubber, Glass

IC1996 Black Heatless Ink

- Suitable for wide range of non-porous substrates such as films
- Reliable print quality with extra darkness
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Gravure Print Surfaces, Rubber, Glass

IC2000 AUTOPRINT Red Solvent

- Reliable print quality with vivid red color
- Strong adhesion on non-porous substrates such as aluminum
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Gravure Print Surfaces, Rubber, Glass



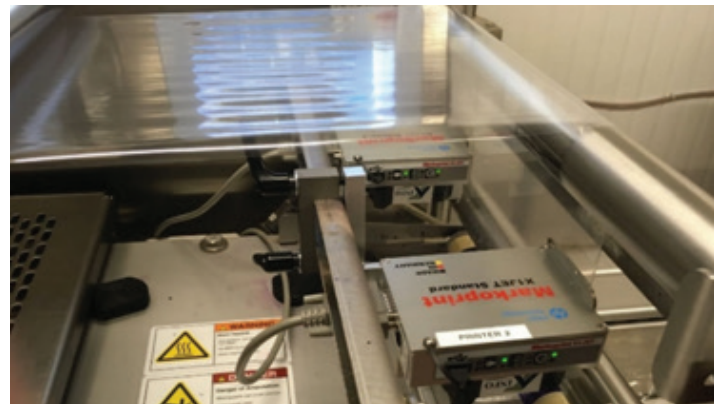
IC2001 AUTOPRINT Blue Solvent

- Reliable print quality with vivid blue color
- Strong adhesion on non-porous substrates such as aluminum
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Gravure Print Surfaces, Rubber, Glass



IC1980 AUTOPRINT Smudge Resistant Black Solvent

- Suitable for long continuous printing
- Longer throw distance
- Shelf life extended to 9 months
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Gravure Print Surfaces, Rubber, Glass



IC2002 AUTOPRINT White Solvent

- Opaque white color
- Ideal for dark color non-porous substrates such as rubber, cables, cosmetic boxes, and auto parts
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Rubber, Glass



IC2003 AUTOPRINT Green Solvent

- Reliable print quality with vivid green color
- Strong adhesion on non-porous substrates such as aluminum
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Gravure Print Surfaces, Rubber, Glass

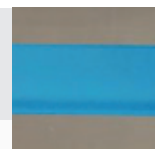


IC2004 AUTOPRINT Yellow Solvent



- Bright yellow color
- Ideal for dark color non-porous substrates such as rubbers, cables, cosmetic boxes and auto parts
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Rubber, Glass

IC2006 AUTOPRINT Light Blue Solvent



- Vibrant light blue color
- Ideal for dark color non-porous substrates such as rubbers, cables, cosmetic boxes and auto parts
- Pigmented ink. Shake cartridge 30 seconds before using.
- OPP, PP, PET PE, AL, Blister Foil, Paper, Aqueous Varnish Coat, Rubber, Glass

Bulk Inks

Product Name	Part #	Ink Vol	Cartridge	Firing Voltage	Pulse Width	Pulse Warming	Max Frequency	Expiry
HP 4500 Black Bulk Ink Supply	C6119A	370 ml	45a	11.0 V	1.9 sec	NA	12 kHz	24 mo
HP Versatile Black Cartridge Connector	Q2320A	40 ml	45a	11.0 V	1.9 sec	On 40 C	12 kHz	18 mo
HP Versatile Black Bulk Ink Supply	Q2321A	350 ml	NA	NA	NA	NA	NA	18 mo
HP 4500 Black Cartridge Connector	Q7456A	40 ml	45a	11.0 V	1.9 sec	NA	12 kHz	24 mo
HP 4500 Black Bulk Ink Supply	Q7457A	350 ml	NA	NA	NA	NA	NA	24 mo
High Density SR Black Smart Card Bulk	HD1956	370 ml	45a	11.0 V	1.9 sec	NA	12 kHz	24 mo
HP Black Solvent Bulk Ink Supply	HP2580	400 ml	45si	8.7 V	1.8 sec	NA	12 kHz	9 mo

[C6119A](#) HP 4500 Black Bulk Ink Supply

- High-quality, sharp, crisp output
- Excellent barcode readability
- Fade and water resistance on a variety of substrates

[Q2320A](#) HP Versatile Black Cartridge Connector

- Sharp, dark black text with high optical density in a single pass
- Fast dry time and high durability, designed for minimum smearing or transfer
- Print on both coated and uncoated substrates without changing ink



Q2321A HP Versatile Black Bulk Ink Supply

- Sharp, dark black text with high optical density in a single pass
- Fast dry time and high durability, designed for minimum smearing or transfer
- Print on both coated and uncoated substrates without changing ink

HD1956 High Density SR Black Smart Card Bulk

- High density print on porous and semi-porous substrates
- Excellent water resistance with this dye based ink
- Paper, Gravure Print Surfaces



Q7457A HP 4500 Black Bulk Ink Supply

- High-quality, sharp, crisp output
- Excellent barcode readability
- Fade and water resistance on a variety of substrates

Q7456A HP 4500 Black Cartridge Connector

- High-quality, sharp, crisp output
- Excellent barcode readability
- Fade and water resistance on a variety of substrates

Bulk Solvent Ink Management System

NEW! ATIP now offers a Bulk Solvent Ink Management System for 1 or more printheads. It's designed for coding nonporous packaging surfaces including foil, film and glossy substrates.

The Bulk Solvent Ink Management system is the first of its kind. It's intelligent, central ink supply includes a 400ml ink tank capacity, thereby decreasing the customer's cost per code when printing on non-porous surfaces.

The tank and the cartridges are monitored by the HP Smart Card. This ensures ink type compatibility and automatic setting of firing parameters. Cartridges report the ink levels to the ink system in real-time.



Overview of Features & Benefits

- For applications with high ink consumption
- No more frequent replacement of cartridges
- Integrated ink supply for 1 to 4 cartridges
- 400ml ink tank capacity
- Use of solvent inks

- HP Smart Card technology for communications between supply tank and individual cartridges via EIA232 interface
- Cartridges are automatically refilled during printing
- Controlled via pressure: variable installation height of tank system



400 ml ink cartridge, easily replaceable without interrupting production



Refillable ink cartridge for up to 1200 ml solvent-containing ink with integrated sensor control

Take the next step with ATIP

- 🔧 Send us your substrates. We will test various ATIP inks to create print samples on the specific substrates used in your environment.
- ☎️ Contact ATIP by calling (201) 529-0202
- 🌐 Visit atip-usa.com to learn more.

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