



Fast, safe, permanent marking on any product or surface! - with ATD Perman-Ink systems.

- ATD Perman-Ink systems utilise the latest industrial UV cure ink technology available, providing exceptional print durability on most non-porous and semi-porous surfaces.
- ATD Perman-Ink systems will 'direct print' all of your products on-line through any UV cure compatible ATD print head. This includes the new IP7000 unit with 256 programmable print channels offering class leading print height of 100mm.
- ATD Perman-Ink systems achieve exceptionally fast drying times at up to 1.4m/sec print speeds and, integrated with ATD bespoke on-line UV curing systems, will give safe, reliable performance on all types of production line.
- ATD Perman-Ink systems are the most complete UV cure inkjet printing systems on the market.



Foils and films



Glass



Plastic



Ceramics



INKJET
SYSTEMS

Key benefits of the Perman-Ink system:

ATD Perman-Ink systems provide the safest coding and marking solutions available for a wide variety of industrial applications.

Typical materials include: Metals, plastics, glass, electronic components, pharmaceutical products, metalised films, plastic films, meshes and textiles, glossy papers, waxed carton material, security labels and security packaging.

Inks are virtually odour free and achieve fast dry times using only one third of the energy required by many other UV inks.

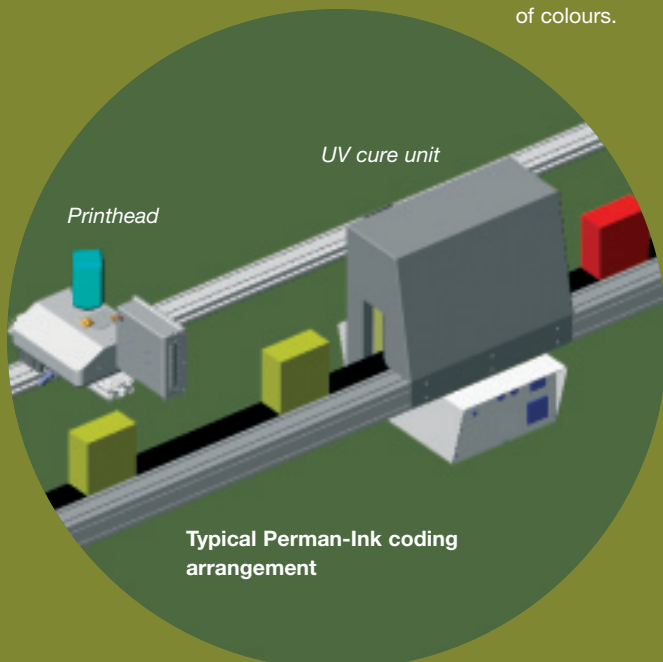
Rapid ink cure times enable printing on many non-porous surfaces with speeds of up to 90 metres per minute with no fear of smearing or image degradation.

Cured ink has excellent resistance to scratching, rubbing and solvent cleaners.

The pigmented formulations provide lightfast indelible coding to withstand both indoor and outdoor exposure.

All Perman-Ink systems are backed up by ATDs unique support and 3 year warranty package.

All Perman-Ink is available in a wide range of colours.



Perman-Ink Technical Summary

Ink Features

UV cure formulation for non-porous surfaces
Shelf life up to 12 months
Blue wool scale rating of 7+ light fastness
Exterior fade resistance up to 2 years
Superior scratch and abrasion resistance compared to typical organic solvent inks
Low flammability - HMIS 2
Low reactivity - HMIS 0
Low shipping hazard rating - UN3082
VOC free
Flammable solvent free



Compatible ATD Print Heads

All 9000 range
9100 range
New IP7000 range

Compatible Ink Systems

All ATD single cartridge systems
ATD Bulk Ink System

Curing System

Power Requirements

- 13 amp electrical socket

Mechanical Requirements

- bespoke fitted to line
- UV failsafe safety system
- easy maintenance lamp system

Lamp Type

- mercury vapour arc type as standard other options available to order