



G20i Thermal Ink Jet Ink

BK640

BK640 is a high contrast ink suitable for printing onto a wide range of porous substrates such as

BK640 is a water based black ink that is unique to Domino. Developed to ensure dark, clear codes with the best code quality every time, BK640 provides long de-cap times, improved throw distance and high contrast

BK640 has been developed by Domino, targeting pack and case coding to ensure the ink meets and exceeds the ink performance requirements in these target applications.

- **Domino developed ink to deliver market leading contrast, to produce crisp and clear codes onto porous substrates.**
- **Long throw distance of up to 5mm allowing variance of product presentation to the print head.**
- **Extended de-cap times over 4 hours to ensure perfect first code even on slow and intermittent product lines.**



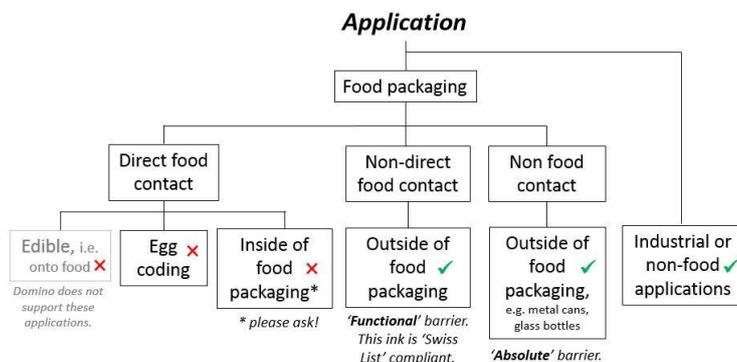
FIG.1

Product overview

G20i Black Water Based Ink.

BK640

Applications and Regulatory Considerations



This ink is suitable for use on **Functional barriers**.

With some packaging, such as plastic containers and film substrates, it is possible that ink components may migrate through to the foodstuffs inside: a 'functional barrier' is where any migration is within defined limits. It is the customer's responsibility to carry out migration tests of the printed codes on their products; Domino can offer support under NDA.

This ink is suitable for use on **Absolute barriers**

Containers such as metal cans where there is zero possibility of ink components migrating through the container into the packed food/drink inside.

This ink is compliant with Swiss Ordinance SR817.023.21. This ink is manufactured to EuPIA GMP standards. If unclear about the suitability of this ink in a given application, please refer to your local Account Contact who will escalate via Channel Support as needed.

Part numbers and packaging

| Ink | Part number | Container | Quantity | Shelf life |
|-----|-------------|------------------|----------|------------|
| | TIJ-Bk640-5 | Cartridge (42ml) | Each | 12 months |

Printer compatibility

G20i Only (Cannot be used with G100, G200, G300, G130i, G230i, G120i, G220i, G320i or G320i OEM)

End user properties

Long de-cap time / up to 5mm throw distance / high prints per cartridge: e.g. 290,000 prints/cartridge at 300x300 dpi for the Fig. 1 sample message shown on the front page /.

Storage and operational environment

| | | |
|-----------------------------------|---------------------------|---|
| Fluids storage and transportation | Temperature: 10°C to 30°C | Humidity: 10%-90% RH non-condensing |
| Printer operational environment | Temperature: 10°C to 40°C | Humidity: 10%-90% RH non-condensing (De-cap time will be adversely affected at 10°C and between 30°C - 40°C) |

Supporting Documentation

Safety Data Sheets SDS's for all supported jurisdictions / languages are available through Dominocasecoding.com
 Technical Data Sheet Available through Dominocasecoding.com

Quality Assurance

Domino always recommends that only Domino fluids are used in Domino printers. All Domino fluids are fully tested in Domino printers to assure optimum levels of performance throughout the specified operational envelope. All Domino fluids should be used within their rated Shelf Life.

We reserve the right to change the design or specification of our products without notice. Some of the information contained in this brochure is general in nature and customers should check that it is applicable to their individual circumstances. Version OD1 September 2016.