

DETECTAMET

Technical Data Sheet

Document Reference	SK123
Date of Issue	11 th Nov 2024
Revision Number	001
Date of Last Revision	11 th Nov 2024

615-K123 Ring Safety Knives



Technical Data Sheet Applicable To:

615-K123-T184-P01	Detectable SK123 Ring Safety Knives
-------------------	-------------------------------------

Industry Usage:

These disposable, detectable ring safety knives can be worn at all times, allowing the wearer to keep both hands free and are suitable for cutting plastic wrapping.

Features and Benefits:

- Metal Detectable
- Suitable for ambidextrous use
- One-piece construction
- Enclosed stainless steel blade
- No snap off blade to reduce the risk of contamination
- Size: 34.3mm (1.35") x 18.4mm (0.72")
- Weight: 3.5g (0.12g)
- Cutting depth: 5.6mm (0.22")

Material and Compliance Information:

The product is compliant with Regulation (EC) No1935/2004, Regulation (EU) No 10/2011, EDQM-Guideline (2013), German LFGB and BfR recommendation X. Polyamide

Testing of this product and blade, respectively, for each part with the same material of the products listed above.

Testing parameters are adjusted to the contact duration and temperature according to the manufacturers conditions for the use of the products, i.e. to open packaging near room temperature with extremely short contact to food stuff. Thus, the migration tests are usually performed under the following conditions if not mentioned otherwise:

- Compatibility with all foods (aqueous, acidic and fatty with simulants A,B and D2)
- Contact duration of 30 minutes at a temperature of 40°C

Tested Parameters:

Regulation (EU) 10/2011

- Element migration Ai, Ba, Fe, Co, Cu, Li, Mn, Ni, Zn, 3% acetic acid at 70°C for 2h
- Total migration in simulants A, B, and D2 at 70°C for 2h
- Migration of plasticizers in Iso-octane at 40°C for 30 minutes
- Release of primary aromatic amines in 3% acetic acid at 40°C for 30 minutes
- Substances with specific migration levels SML acc. to Annex I and Annex II. The list of all components of the plastics is available only to the testing labs due to necessary non-disclosure agreements and all components were tested and rated according to the regulation.
- There are no dual use substances present
- There are no functional barriers present
- The ratio of surface in contact with food stuff to volume is 6dm²/kg (6:1)
- Total content of cadmium und lead acc. to REACH Regulation (EC) No. 1907/2006, Annex XVII

German LFGB

- Total migration simulants A,B, and D2 (LFGB B80.30-17/18 acc. to DIN EN 1186-14/15) at 40°C for 30 minutes.
- Sensory smell and taste acc. to DIN 10955

EDQM Guideline (2013)

- Metals in contact with food stuffs, migration at 40°C for 30 minutes.

BfR recommendation X.

- Peroxides on the surface

AfPS GS 2019/01 PAK

No warranty is given or implied with respect to this information or patent infringement. Detectamet Ltd do not accept liability for loss or damage arising from the use of this information. Results are based on a test sample, our general experience and information from suppliers. Data and results may be confirmed by the buyer by testing for its intended conditions of use.

Safety You Detect

[detectamet.global](https://www.detectamet.global)