

455 - Detectable Nitrile Gloves with Woven Cuffs

Document Number: HSE 768

Date Of Issue: 18/4/2018

Revision Number: 2

Date of Revision: 8/6/2023



Part of our **Detectaglove**™ range, these heat proof, woven cuff, heavy duty nitrile detectable gloves are available either partially or fully coated.

Product Code	Product Description
455-A100-T017-S107	Nitrile Gloves R. Seamless Cuff fully coated S8
455-A100-T017-S108	Nitrile Gloves R. Seamless Cuff fully coated S9
455-A100-T017-S109	Nitrile Gloves R. Seamless Cuff fully coated S10
455-A101-T017-S106	Nitrile Gloves woven cuffed fully coated S7
455-A101-T017-S107	Nitrile Gloves woven cuffed fully coated S8
455-A101-T017-S108	Nitrile Gloves woven cuffed fully coated S9
455-A101-T017-S109	Nitrile Gloves woven cuffed fully coated S10
455-A101-T18-S106	Nitrile Gloves woven cuffed Part Coated S7
455-A101-T18-S107	Nitrile Gloves woven cuffed Part Coated S8
455-A101-T18-S108	Nitrile Gloves woven cuffed Part Coated S9
455-A101-T18-S109	Nitrile Gloves woven cuffed Part Coated S10
455-A101-T18-S110	Nitrile Gloves woven cuffed Part Coated S11
455-A159-T017-S107	Nitrile Gloves R Seamless Elbow fully coated S8
455-A159-T017-S108	Nitrile Gloves R Seamless Elbow fully coated S9
455-A159-T017-S109	Nitrile Gloves R Seamless Elbow fully coated S10
455-A160-T017-S107	Nitrile Gloves R Seamless Shoulder fully coated S8
455-A160-T017-S108	Nitrile Gloves R Seamless Shoulder fully coated S9
455-A160-T017-S109	Nitrile Gloves R Seamless Shoulder fully coated S10

These are protective gloves from mechanical risk in accordance to EN 388:2016+A1:2018 with a rating of 3121X

Test Specifications:

LFGB, German Food, Commodities and Feed Code

Test Report Number

AZ 110227, Date 15/05/2017

According to kind and extent of the tests performed the Nitrile Gloves for repeat use, fulfil the requirements of the above test specifications and acids and fatty food. The test results are documented in our test report AZ 110227 dated 15/05/2017

This certificate refers only to the above mentioned products.

Sensory Analysis

Sample Number 110227-001
Sample Composition Mat. 001

Contact Medium	H2O
Test Conditions	2h/ 40°C
Migration Preparation	4,2 dm ² /250 ml
Smell Transfer	0
Transfer of Taste	0.5

H2O - Water

If the evaluation is between 0 to 2.5 no sensory deviation is indicated. The sample fulfils the requirements of § 31 LFGB respectively article 3 of the regulation (EC) 1935/2004.

Evaluation scheme:

- 0 = no discernible deviation
- 1 = barely discernible deviation
- 2 = weak deviation
- 3 = clear deviation
- 4 = strong deviation

Colour Migration of Pigmented Plastics

Sample Number 110227-007
Sample Composition Mat. 001

Water	Pass
2% Acetic Acid	Pass
10% Ethanol	Pass
Coconut Oil	Pass

According to the recommendation of the BfR part IX (synthetic material in contact with food), no traces of colour may migrate into the food simulant.

*at silicone vegetable oil.

Metals, total content at decomposition

Sample Number 110227-006
Sample Composition Mat. 001

Unit	Mg/kg
Lead	<10
Zinc	9100

Summary of Methods

Sensory Analysis	Standard: DIN 10955	Issue Date 01/06/2004
-------------------------	----------------------------	------------------------------

Method description:

Sensory analysis -Testing of container materials and containers for food products (Commodities)

Global Migration	Standard: DIN EN 13130-3	Issue Date 01/08/2004
-------------------------	---------------------------------	------------------------------

Method description:

According to: Determination of global migration from plastic materials and articles intended to come into contact with foodstuffs

Acrylonitril Migration	Standard: DIN EN 13130-3	Issue Date 01/08/2004
-------------------------------	---------------------------------	------------------------------

Method description:

According to: Materials and articles in contact with foodstuffs - Plastic substances subjects to limitation - Part 3: Determination of acrylonitril in foodstuffs and food simulants by Headspace - GC-MS respectively GC-MS

Formaldehyde Content	Standard: DIN EN 13130-3	Issue Date 01/08/2004
-----------------------------	---------------------------------	------------------------------

Method description:

Determination of formaldehyde according to testing commodities made of rubber, clause 2.7.1

Primary Aromatic Amines (photometric), migration	Standard: BLV L 00.00-6	Issue Date 01/12/2002
---	--------------------------------	------------------------------

Method description: -6

Determination of primary aromatic amines in plastics according to: Examination of foodstuff
Determination of primary aromatic amines as aniline-hydrochloride in an aqueous extract of foodstuff

Vulcanizing agents/ antioxidants	Standard: DIN EN 1400-3	Issue Date 01/12/2002
---	--------------------------------	------------------------------

Method description:

According to: Child care and use articles - Soothers for babies and young children - Part 3: Chemical requirements and tests, determination of vulcanizing agents and antioxidants

Notes:

*Antioxidant 2246 = 2,2' -Methylen-bis(6-(1, 1-dimethyl)-4-methylphenol)
MBT = 2-Mercaptobenzothiazol BHT = 2,6-Bis(1, 1-dimethylethyl)-4-methylphenol/
2,6-Di-tert-butyl-p-cresol.

Colour migration of pigmented plastics

Standard: BGESUNDHBL 15 (1972): 285

Issue Date 01/07/1972

Method description:

Examination of plastics - 24. Recommendation of the BfR commission for plastics: Testing of colour fastness of coloured commodities made of plastics and other polymers

Metals, total content at decomposition

Standard: DIN EN ISO11885/ DIN EN ISO 17294-2

Issue Date 01/06/2004

Method description:

Decomposition according to DIN EN 13346 (common acid decomposition resp. decomposition by microwave)-Quantification of mercury according to DIN EN 1483 and determination of 62 trace elements by ICP-OES resp. ICP-MS

N-nitrosamine and N-nitrosatable Substances

Standard: DIN12868

Issue Date 01/12/1999

Method description:

Child use and care articles - Methods for determining the release of N-Nitrosamines and N-Nitrosatable substances from elastomer or rubber teats and soothers

Notes: * Tested by a competent external institute.

Polycyclic aromatic hydrocarbons (PAH)

Standard: ZEK 01.4-08

Issue Date 25/11/2011

Method description:

Harmonized Method for Determination of Polycyclic Aromatic Hydrocarbons (PAH) in plastic sampling, gas 1 chromatographic method with mass spectrometric detection. Limit of determination 0,2 mg/kg per component

Notes:

Single components with an amount of < 0.2 mg/kg were not considered by the calculation of the sum. In the case of all 18 PAH were not detected, the result is stated n.n. (not detectable). Benzo(j) fluoranthene and Benzo(k) fluoranthene are reported together.

Mass per unit area

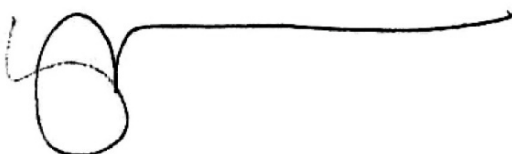
Standard: DIN EN 12127

Issue Date 01/12/1997

Method description:

Textiles - Fabrics - Determination of mass per unit area using small samples, standard climate

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 our suppliers. Data and results must be confirmed by the buyer by testing for its intended conditions of use.



Helen Morrison
Group Managing Director