

Technical Data Sheet

205-A65 – Metal Detectable Identification Tags



Document Reference	205-A65
Date of issue	10 th Sept 2024
Revision Number	001
Date of last revision	10 th Sept 2024

This Technical Data Sheet is applicable to the

205-A65-P0*-S130	Metal Detectable Identification Tags Small 25 x 55 x 1.6mm (0.98 x 2.16 x 0.06") – All colours
205-A65-P0*-S682	Metal Detectable Identification Tags Large 70 x 60 x 1.6mm (2.75 x 2.36 x 0.06")

Industry usage

These tags are available in nine colours, and are suitable for a wide range of applications in the food industry.

Features and Benefits

- Metal detectable & X-ray visible
- Pre-drilled hole, Diameter 4.5mm (0.18")
- Small Size: 25 x 55 x 1.6mm (0.98 x 2.16 x 0.06")
- Large Size: 70 x 60 x 1.6mm (2.75 x 2.36 x 0.06")

This product is manufactured using pigments which are in accordance with

- European Resolution AP (89) 1
- Recommendation IX of the BfR for colouring plastics
- EN71-3 Toy Regulation
- EU Regulation EU No 2019/1381 amending Regulation EU No 1935/2004
- Is based on a polymer carrier that is compliant with: -
- EU regulation EU No 2020/1245 amending and correcting Regulation (EU) No 10/2011
- EU regulation EU No 2019/1381 amending Regulation EU No 1935/2004
- Has been produced according to Regulation 2023/2006/EC on good manufacturing practice for materials and articles intended to come into contact with food, applicable to plastic raw materials.

This compliance statement is based on information supplied by the polymer and pigment manufacturers, migration testing according to Regulation 10/2011, migration modelling and quality control systems in place at Detectamet.

REACH – No substances of very high concern (SVHC) above the 0.1% weight (w/w) threshold limit are present in the materials.

Regulations and Standards

We confirm that the above-mentioned products are suitable for use in contact with all food types and are in conformity with the applicable requirements of the following regulations and standards:

- Regulation (EC) no. 1935/2004 on Materials and Articles intended to come into contact with food.
- Commission Regulation (EU) No. 10/2011 on Plastic materials intended to come into contact with food including its updated Regulation 1282/2011 and Regulation 1183/2012
- Regulation (EC) no. 2023/2006 on Good Manufacturing Practice for materials and articles intended to come into contact with food
- Council of Europe Resolution AP 89/1 on the use of Colourants in Plastic Materials coming into contact with food
- US FDA 21 CFR 177.1520 (Olefin Polymers) with colourants and additives cleared for use through listing in 178.3297 (Colourants for polymers), 178.2010 (antioxidants and/or stabilizers for polymers, or other respective parts of the FDA regulations.

Migration test data obtained under short-term repeat use test conditions. (6dm²/kg food) has demonstrated that levels of overall migration and specific migration of additives from these products will not exceed the legal limits with all food types.

Test Simulants	Food Types	Testing Condition
A-C, D1, D2 of Regulation No. 10,2011 for Plastic Materials and Articles in contact with food.	All dry, aqueous, acidic, alcoholic and fatty foods.	2 hours at 70C, Repeat use. Test OM3 of regulation 10/2011

2 hours at 70c, Repeat use. Test OM3 of regulation 10/2011

Dual-use food additives may be present but any migration into food will be minimal

This compliance statement is based on information supplied by the polymer and pigment manufacturers, migration testing according to Regulation 102011, migration modelling and quality control systems in place at Detectamet.

General Information

Maximum use Temperature: 100°C

Maximum wash Temperature: 121°C

Maximum use Temperature: Do not store at deep freeze temperatures prior to use.

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.