



JYSK STANDARD

Food Contact Materials

Scope

This standard describes JYSK requirements for Food Contact Materials (FCM) and applies to products, articles, and materials:

- *with intended food contact* (See [2.1](#))
- *with foreseeable food contact* (See [2.2](#))
- *decorative not intended for all kind of food contact* (see [2.3](#))

Change-log

Section	Changes
5	Articles with intended and foreseeable food contact if made of a materiel that by the customer can be assumed to be cleaned in dishwasher (i.e glass, ceramics, plastic), the product must be dishwasher proof.

Contents

1	Requirements.....	2
2	Definitions of Food Contact Materials (FCM)	2
2.1	Articles with intended food contact.....	3
2.2	Articles with foreseeable food contact.....	4
2.3	Decorative articles not intended for all kind of food contact.....	4
3	European and national legislations	5
4	Test methods	5
4.1	Minimum test requirements	6
5	Labelling.....	7
5.1	Limitations of use icons	8

1 Requirements

For the FCM-articles defined in chapter [2](#) suppliers must perform the legally necessary testing and declare compliance with relevant Food Contact Materials (FCM) legislation.

The supplier must perform the following tasks for each individual article:

- Identify applicable legislative requirements according to chapter [3](#).
- Identify relevant test methods and test conditions according to chapter [4](#).
- Clarify instructive labelling according to chapter [0](#) with the test laboratory and confirm with [JYSK C&Q](#).
- Test the article according to applicable requirements.
- Draw up and sign the Declaration of Compliance (DoC) according to SOP [JYSK 8004](#).
- For kitchenware to contain liquids eg. cups, mugs, drinking glass and carafe, it must be stated in the PIF how much the article can contain, i.e. the volume. The volume must be stated in cl or L based on how much the article can contain:
 - < 0,5 liter/50 cl it must be stated in cl
 - ≥ 0,5 liter/50 cl it must be stated in L

2 Definitions of Food Contact Materials (FCM)

JYSK consider the following FCM materials and articles (hereinafter referred to articles):

1. *Articles with intended food contact* according to chapter [2.1](#)
2. *Articles with foreseeable food contact* according to chapter [2.2](#)
3. *Decorative articles not intended for all kind of food contact* according to chapter [2.3](#)

Notes:

The JYSK definitions of intended and foreseeable articles are aligned with definitions of **REGULATION (EC) No. 1935/2004**.

A list of regulated articles and materials can be found in:

"[Guidelines on testing conditions for articles in contact with foodstuffs \(JRC EUR 23814 EN 2009\)](#)" (available as [JYSK 10083](#)),

"[Technical guidelines on testing the migration of primary aromatic amines from polyamide kitchenware and of formaldehyde from melamine kitchenware \(JRC EUR 24815 EN 2011\)](#)" (available as [JYSK 10084](#)) and

"Testing conditions for kitchenware articles in contact with foodstuffs: Plastics and Metals (JRC121622)" (Available as [JYSK 10086](#)).

2.1 Articles with intended food contact

'Articles with intended food contact' means articles that in their finished state are intended to be brought into contact with food.

Examples of articles with intended food contact are shown in [Table 1](#).

<p>Glassware:</p> 	<p>Cups & mugs:</p> 	<p>Plates:</p> 
<p>Drinking bottle:</p> 	<p>Scissors:</p> 	<p>Jug:</p> 
<p>Drinking glasses</p> 	<p>Dispenser/containers with tap:</p> 	<p>Cutting board:</p> 
<p>Straws:</p> 	<p>Trays:</p> 	<p>Bowls:</p> 
<p>Knives, forks, spoons:</p> 	<p>Kitchen utensils:</p> 	<p>Tea box:</p> 

Table 1

2.2 Articles with foreseeable food contact

'Articles with foreseeable food contact' means articles that in their finished state can reasonably be expected to be brought into contact with food or to transfer their constituents to food under normal or foreseeable conditions of use.

Note: Reasonably expected use means any foreseeable use from an average informed, attentive and rational consumer. This is not the intended use, but the potential use.

Examples of *articles with foreseeable food contact* are shown in [Table 2](#).

<p>Tea towels:</p> 	<p>Storage jar:</p> 	<p>Tealight holder (use as a drinking glass can be expected)</p> 
<p>Storage box: (food storage will be expected)</p> 	<p>Vases (size possibly for food):</p> 	<p>Placemat:</p> 
<p>Tablecloth:</p> 	<p>Napkins:</p> 	<p>Picninc blankets:</p> 

Table 2

2.3 Decorative articles not intended for all kind of food contact

'Decorative articles not intended for all kind of food contact' are decorative articles that are not meant for all kind of food contact such as the below examples. The articles might have a shape and design that can indicate use for food contact and therefor the customer must be made aware that the article is not meant food contact.

Bathroom articles which can be interpreted by the customer as food contact materials, e.g. trays and toothbrush holders, must be marked as a decorative article.

Examples of *decorative articles* are shown in [Table 3](#).

<p>Decorative tray:</p> 	<p>Bathroom trays:</p> 	<p>Decorative basket:</p> 
<p>Decorative bowl:</p> 	<p>Decorative storage box:</p> 	<p>Toothbrush holders:</p> 

Table 3

3 European and national legislations

Suppliers of FCM articles must apply relevant harmonized legislative requirements according [Table 4](#).

European market measures	General legislative framework for FCM	Regulation (EC) No. 1935/2004
	Good manufacturing practice (GMP)	Regulation (EC) No. 2023/2006
	Plastic materials and articles intended to come into contact with food	Regulation (EU) No. 10/2011
	Polyamide and melamine plastic kitchenware originating in or consigned from the People's Republic of China or Hong Kong	Regulation (EU) No. 284/2011
	Ceramic articles intended to come into contact with foodstuffs	Directive 84/500/EEC Directive 2005/31/EC
National market measures	Denmark	BEK 681
	Germany	German Food and Feed Code (LFGB)
	Spain	Real Decreto 891/2006
	Switzerland	Switzerland Lebensmittel- und Gebrauchsgegenständeverordnung (LGv) 817.02
	The Netherlands	Warenwetregeling verpakkingen en gebruiksartikelen (WVG)
All legislations are including amendments and corrections. This table should by no means be interpreted as a definite list of legislative requirements!		

Table 4

Suppliers of FCM-articles must apply relevant non-harmonized legislative requirements according to the European Baseline Study ***Non-harmonized food contact materials in the EU: regulatory and market situation (JRC104198 EUR 28357 EN 2016)*** (available as [JYSK 10085](#)).

4 Test methods

During testing the supplier must apply *the worst foreseeable conditions* that does not destroy or cause physical modifications of the object.

Tests reports must be forwarded to JYSK at latest one week before first shipment.

Testing conditions depends on several factors:

- Using conditions
 - Kind of food
 - Contact surface
 - Contact time
 - Temperature
 - Material
 - Mixtures
 - Coatings

Note:

Information on *the worst foreseeable conditions* can be found in "[Guidelines on testing conditions for articles in contact with foodstuffs \(JRC EUR 23814 EN 2009\)](#)" (available as [JYSK 10083](#)), "[Technical guidelines on testing the migration of primary aromatic amines from polyamide kitchenware and of formaldehyde from melamine kitchenware \(JRC EUR 24815 EN 2011\)](#)" (available as [JYSK 10084](#)) and Testing conditions for kitchenware articles in contact with foodstuffs: Plastics and Metals (JRC121622)" (Available as [JYSK 10086](#)).

4.1 Minimum test requirements

JYSK minimum test requirements that the article must be able to pass testing on, depending on material type, are stated in [Table 5](#).

Material type	JYSK minimum test requirements
All articles	<ul style="list-style-type: none"> Sensory test/analysis according to DIN 10955:2023-02 Overall migration (OM), if applicable. E.g. OM test is not applicable for water hyacinth, seagrass and the like.
Paper	<ul style="list-style-type: none"> Primary aromatic amines with LC-MS/MS (cold water extract) (colored paper) Color fastness according to BfR recommendation (grade 4-5) (colored paper) Formaldehyde according to DIN EN 1541 Chlorophenols / Pentachlorophenols (PCP) according to DIN ISO 14154 Isothiazolinones with LC-MS/MS (cold water extract)
Textile	<ul style="list-style-type: none"> Color fastness according to BfR recommendation (grade 4-5) Formaldehyde according to DIN EN ISO 14184-1 Pentachlorophenols (PCP) with GC-MS/MS (cotton only) AZO dyes according to EN ISO 14362-1
Silicone	<ul style="list-style-type: none"> According to Resolution ResAP (2004) 5 Peroxide according to European Pharmacopoeia Method 2.5.5. BfR recommendation Extractive Substances (5 Hours, 100°C, 10% Ethanol, Water, 3% Acetic acid) Phthalates EN ISO 14389 GC-MS/MS Specific migration (SM) of 8 heavy metals analog plastic VOM (Volatile Organic Matter) PAH according to AfPS GS 2019:01 PAK Organostannic (organotin) according to EN 13130
Rubber	<ul style="list-style-type: none"> According to Resolution ResAP (2004) 4 Specific migration (SM) of 8 heavy metals VOM (Volatile Organic Matter) PAH according to AfPS GS 2019:01 PAK
Wood	<ul style="list-style-type: none"> Formaldehyde migration Chlorophenols / Pentachlorophenols (PCP) according to DIN ISO 14154
Metals	<ul style="list-style-type: none"> Resolution CM/Res(2020)9
Glass	<ul style="list-style-type: none"> Specific migration (SM) of Cobalt analog ceramic Release of lead and cadmium according to EN 1388-1
Ceramics	<ul style="list-style-type: none"> Specific migration (SM) of Lead, Cadmium, Barium, Antimony, Zinc, Aluminium, Cobalt, Arsen, Chromium VI, and Mercury
Enamel	<ul style="list-style-type: none"> Specific migration (SM) of Cobalt, Barium, Zinc, Antimony Release of lead and cadmium according to EN 1388-1

Table 5 – JYSK minimum test requirements

5 Labelling

Labelling and limitations must be logical for the end consumer during intended use and considering the foreseeable use.

Note: Limitations of use depend on and influence correct testing methods (See chapter 4).

FCM articles must include suitable traceability labelling (e.g. batch number) and must remain on the product during the entire lifetime. Suppliers must confirm the traceability labelling with [JYSK C&Q](#).

'Articles with intended and foreseeable food contact'

- Must be labelled with the *glass fork symbol* (made available as [JYSK 10081](#)) on permanent marking and on sales unit, and must be tested for food contact.
- If made of a materiel that by the customer can be assumed to be cleaned in dishwasher (i.e glass, ceramics, plastic), the product must be dishwasher proof.

Note: If an article or a part of an article is not dishwasher proof, it must be approved by [JYSK C&Q](#) before placing the first order.

Note: Suppliers can exclude the *glass fork symbol* in special cases (e.g. glasses, knives, forks, scissors) if agreed with [JYSK C&Q](#).

Limitations, e.g. dry food only, must be approved by [CAM](#), must be stated on the DoC, and must be stated in the product information text in all languages. Translation made available in [JYSK Term Database](#).

Intended and foreseeable articles must be labelled with JYSK Türkiye importer information according to [JYSK 6101](#).

'Decorative articles not intended for all kind of food contact' must be labelled with the **'crossed glass fork symbol'** (made available as [JYSK 10087](#)) on permanent marking and on sales unit, and must as a minimum be approved for dry food.

The sentence *'Not suitable for food'* must be part of the product information text in all languages. Translation made available in [JYSK Term Database](#).







	Symbol on permanent marking*	Symbol on sales unit**	Extra product information text in all JYSK languages	Must be tested and approved for
<i>Intended for food contact</i>			Limitations approved by CAM e.g. dry food only	Food contact
<i>Foreseeable</i>			Limitations approved by CAM e.g. dry food only	Food contact
<i>Decorative</i>			Not suitable for food	Minimum dry foods

















Table 6 - Food contact matrix

Note: *Permanent marking must comply with [JYSK 6101](#).

Note: **Intended and foreseeable articles must include limitations of use icons according to [5.1](#) if needed to protect consumer's health or to use the article correctly, e.g. cleaning and temperature limitations.

5.1 Limitations of use icons

Limitations of use icons must be chosen from pictograms made available by JYSK in [JYSK 10082](#). Icons must have a minimum size of 5x5 mm.

Cleaning	Wash by hand only	
	Dishwasher limits °C (inside pictogram)	
	Wipe with a cloth wrung with water	
Temperatures	Limits °C (+ max. - min. inside pictogram)	
Heating	Microwave safe	
	Microwave limits °C (inside pictogram)	
	Not microwave safe	
	Oven without limits	
	Oven with limits °C (max. temp. inside oven)	
	Not oven safe	
Cooking	Electric elements safe	
	Ceramic range safe	
	Gas ring safe	
	Induction safe	
Freezing	Freezing limits °C (min. inside pictogram)	
	No freezing	

Limitations of use icons – (Icons made available in [JYSK 10082](#))