

Declaration of Compliance to (EC) No. 1935/2004

Scope of Declaration

As appearing in the John Guest Pure Water and Drinks Dispense Catalogue under the following categories and model codes:

Acetal CM Fittings (CM*), Black Acetal Fittings (PM*), Grey Acetal Fittings (PI*, PM*), White Acetal Fittings (CI*, excludes NC2301), Acetal Tube Inserts (TSM/TSI*), Acetal Shut-Off Valve (PISV*, including NC2555), Superseal fittings (SM*, SI*). Acetal products with prefix NC* (i.e.: Metric to Imperial adaptors).

Specification

These products are suitable for use under the following conditions

Food	Conditions
Water	Long term storage at up to 60°C, heating up to 70°C for up to 2 hours or 100°C for 15mins.
Acidic, Clear Drinks	Long term storage at room temperature, heating up to 70°C for up to 2 hours or 100°C for 15mins.
Up to 20% Alcohol	Long term storage at room temperature, heating up to 70°C for up to 2 hours or 100°C for 15mins.
Greater than 20% Alcohol. Milk products	Up to 24 hours at 5°C

Table 1

Food Contact Materials - Plastics

Material Description: Acetal Copolymer with blended pigments.

Component Description: Fitting body and internal components.

Regulations, Standards & Guidelines	Testing & Compliance
European Union Regulations <i>(EC) No. 1935/2004, as per:</i> Material safety with respect to human health. Effect on food composition. Effect on Organoleptic characteristics.	See (EU) No. 10/2011 and its amendments. See (EU) No. 10/2011 and its amendments. See Germany, KTW Recommendations.

Regulations, Standards & Guidelines	Testing & Compliance
<i>(EU) No. 10/2011 and its amendments.</i>	Monomers and additives are listed in annex 1, table 1 of <i>(EU) No. 10/2011</i> . Overall and declared specific migrations limits (SMLs) meet the regulation. See section 'Migration Tests' for further details. Dual use additives – none declared by our material suppliers.
<i>(EC) No. 2023/2006</i> Material suppliers. Component manufacturer.	ISO 9001 registered John Guest – ISO 9001 Registered.
Council of Europe <i>Resolution AP (89) 1 – On the use of colourants in plastic materials coming into contact with food.</i>	Declared compliant by material suppliers.
Germany <i>BfR Recommendation IX.</i> <i>KTW Recommendations.</i>	Testing shows no detectable bleed of pigments from John Guest tubing. Test certificate for hot water use (85°C).
Switzerland Regulation Ordinance 817.023.21	Declared compliant

Table 2

Migration Tests

The migration test conditions are as follows (EU Regulation 2011/10):

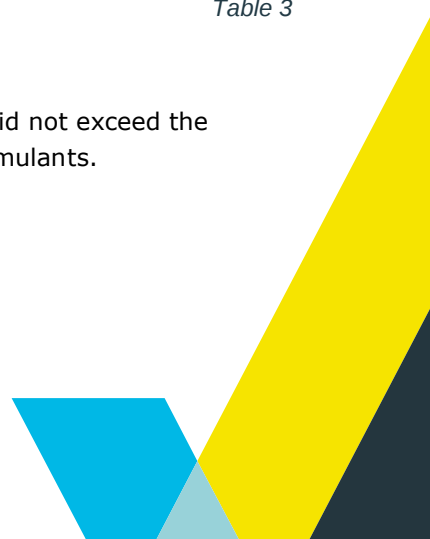
Overall Migration

Simulant		Time & Temperature
A	Ethanol 10% (v/v)	10 days at 60°C
B	Acetic acid 3% (w/v)	10 days at 40°C
C	Ethanol 20% (v/v)	10 days at 40°C
D	Ethanol 50% (v/v)	24 hours at 5°C

Table 3

Specific Migration

The substances identified were analysed by HPLC, LC-MS and GC-MS and did not exceed the specific migration limits in EU Regulation 10/2011 when exposed to food simulants.



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Food Contact Materials – Rubbers

Material Description: Nitrile and EPDM Rubber.

Component Description: O-rings & Seals.

Regulations, Standards & Guidelines	Testing & Compliance
European Union Regulations <i>(EC) No. 1935/2004</i> Effect on Organoleptic characteristics. Effect on food composition. Material safety with respect to human health.	See Germany, KTW Recommendations. Overall migration conforms to limit in (EU) No. 10/2011(using 6dm ² /kg). See Germany, BfR Recommendations.
<i>(EC) No. 2023/2006</i> Component manufacturer	ISO 9001 Registered.
Germany <i>BfR Recommendations– XXI.</i> <i>UBA - Elastomer guideline.</i>	Declared complaint by supplier (category 4). Test certificate for hot water use (85°C).
Switzerland Regulation Ordinance 817.023.21	Declared compliant

Table 4

Food Contact Materials – Metals & Alloys

Not applicable.



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Food Contact Materials – Lubricant

Material Description: Silicone fluid (350CST)

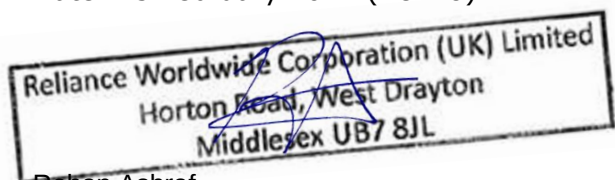
Component Description: Lubricant (applied to O-Rings and seals)

Regulations, Standards & Guidelines	Testing & Compliance
European Union Regulations <i>(EC) No. 1935/2004</i> Effect on Organoleptic characteristics. Effect on food composition. Material safety with respect to human health.	See Germany, UBA Lubricant Guideline. See Germany, UBA Lubricant Guideline. See Germany, UBA Lubricant Guideline.
Germany UBA Lubricant Guideline. Rinsing Out test.	All silicone oil residues are rinsed away.

Table 5

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