

# EU DECLARATION OF CONFORMITY TRANSLATION



## Declaration of conformity with Commission Regulation (EU) No. 10/2011<sup>(1),(2)</sup> and Regulation (EC) No. 1935/2004 on materials and articles intended to come into contact with food

SAMSON hereby declares under its sole responsibility that the components listed below, which are made of **Dyneon™ TFM™ 1700** and used in SAMSON control valves, comply with the requirements laid down in Commission Regulation (EU) No. 10/2011<sup>(1),(2)</sup> and Regulation (EC) No. 1935/2004:

<b>V-ring packing</b>	<b>Gasket</b>
<b>Material no.</b>	<b>Material no.</b>
100009670 (0430-3310)	100009196 (8414-2592)
100009673 (0430-3311)	100009197 (8414-2593)
100009674 (0430-3312)	100009201 (8414-2594)
	100009202 (8414-2595)
	100009210 (8414-2596)
	100009213 (8414-2597)
	100009218 (8414-2598)
	100009221 (8414-2599)
	100009222 (8414-2600)
	100009227 (8414-2601)

If the components are used according to specification, the overall<sup>(3)</sup> and specific migration values are below the limits laid down in the regulations. Testing was performed in compliance with Regulation (EU) No. 10/2011<sup>(1),(2)</sup> (Annex V). An assessment of the components intended to come into contact with food based on the food law regulations is available from the manufacturer of the plastic components (refer to Declaration of compliance to Regulation (EU) No 10/2011 and (EC) No 1935/2004 for materials made from plastic intended to come into contact with food of 2019-07-24).

The materials and raw materials used comply with Commission Regulation (EU) No. 10/2011<sup>(1),(2)</sup>; the components listed above contain the following substances subject to restrictions of use:

<b>Name of substance</b>	<b>Specific migration limit (SML)</b>
Tetrafluorethylene (TFE)	0.05 mg/kg
Perfluormethylperfluorvinylether (PPVE)	0.05 mg/kg



**Specification on the intended use or restrictions of use:**

**Type or types of food or procedures that the material is suitable for:**

Repeated short-term and long-term contact with all kinds of foodstuffs in applications at room temperature up to 175 °C.

**Type or types of food or procedures that the material is not suitable for:**

None

**Test conditions:**

Simulant	Test duration and temperature	Test procedure
Acetic acid 3 % (w/w)	4 h at 100 °C	EN 1186-3
Isooctane as substitute for oil	6 h at 60 °C	EN 1186-15
Ethanol 95 % (w/v)	6 h at 60 °C	EN 1186-15
Tenax® as substitute for fat	2 h at 175 °C	EN 1186-13 B

Deviating from Commission Regulation (EU) No. 10/2011<sup>(1),(2)</sup>, the worst-case simulant isooctane was used as a substitute for the simulant olive oil.

**Ratio of food contact surface area to volume used to establish the compliance of the material or article:**

Based on the results of the migration and screening tests performed, the inspected V-rings (material no. 0430-3311) and the gaskets (material no. 8414-2596) comply with the safety requirements laid down in Article 3 of Regulation (EC) No. 1935/2004, provided they are used as intended and the ratio of surface to quantity of food is 0.8 dm<sup>2</sup> (for the V-rings) or 0.5 dm<sup>2</sup> (for the gaskets) to at least 1 kg of food.

Taking into account the food contact areas detected on the specimens per at least 1 kg of food as well as the equivalence of materials certified by the supplier, the minimum quantities of food are as follows for the different sealing elements and the food contact areas we assumed:

V-ring packing				Gasket			
Material no.	Assumed food contact surface area [mm <sup>2</sup> ]	Min. quantity of food [kg]	Entire surface [mm <sup>2</sup> ]	Material no.	Assumed food contact surface area [mm <sup>2</sup> ]	Min. quantity of food [kg]	Entire surface [mm <sup>2</sup> ]
100009670 (0430-3310)	512.07	0.064	3091.8	100009196 (8414-2592)	62.83	0.013	1735.2
100009673 (0430-3311)	712.7	0.089	6094.2	100009197 (8414-2593)	115.1	0.023	3794.5
100009674 (0430-3312)	3929.1	0.491	42877.6	100009201 (8414-2594)	160.8	0.032	6277.9



				100009202 (8414-2595)	189.1	0.037	6435.0
				100009210 (8414-2596)	204.8	0.041	8797.5
				100009213 (8414-2597)	236,2	0.047	12925.2
				100009218 (8414-2598)	275.7	0.055	14727.2
				100009221 (8414-2599)	409.5	0.082	25919.1
				100009222 (8414-2600)	504.7	0.101	42726.7
				100009227 (8414-2601)	630,4	0.126	53198.8

**Traceability according to Regulation (EC) No. 1935/2004:**

Traceability is ensured by using a unique material number together with the associated batch number.

This declaration applies to the product we deliver and its intended for use as specified. Conformity was assessed based on the rules mentioned above. As a result, the product complies with the legal requirements if the specified food contact conditions are observed. If deviations from the intended use occur, the user is in charge of verifying conformity and suitability.

Frankfurt am Main, 24 July 2019

**Domagoj Vnucec**  
Director  
ROLF SANDVOSS INNOVATION CENTER

**Silke Bianca Schäfer**  
Director  
Global Quality

<sup>(1)</sup> As amended by EU No. 321/2011, 1282/2011, 1183/2012, 202/2014, 865/2014, 174/2015, 2016/1416, 2017/752, 2018/79, 2018/213, 2018/831 and 2019/37

<sup>(2)</sup> As amended at the time this declaration is issued

<sup>(3)</sup> Overall migration limit: 10 mg/dm<sup>2</sup> or 60 mg/kg food or food simulant