

Declaration of Compliance



ECON ball valves Fig. 7288, 7289, 7285, 7297, 7291, 7383, 7611, 7641, 7654 and 7760

Eriks Flow Control herewith declares that the above mentioned ball valves meet the requirements as defined in:

- European Regulation (EC) No. 1935/2004 (Food Contact Materials)
- European Regulation (EC) No. 2023/2006 (Good Manufacturing Practice)

Product: Stainless steel ball valves, figure numbers: 7288, 7289, 7285, 7297, 7291, 7383, 7611, 7641, 7645 and 7760
The body, ball, stem and seats are the only valve parts intended to come in contact with food.

Migration test results stainless steel valve parts

- Body (ASTM A351-CF8M or 1.4401)
- Ball (ASTM A351 CF8M or AISI 316)
- Stem (AISI-316)

Migration test protocol according to CM/Res(2013)9, Specific release of Metals

Method	Parameter	Analysis principle	Migration conditions for the 3 successive migration steps	Result
EPA 3052 mod	Preparation for migration (metals)	Exposure to 0,5% citric acid by article filling ICP-MS	1 hour / 100°C	Pass

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Migration test results PTFE seats - 3M Dyneon TFM 1600

Migration test protocol according to EU 10/2011 (EN1186), Overall Migration

Food simulant	Contact foods	Time / Temperature	Technique	OML-value (mg/dm ²)	Result
A - Ethanol 10%	Aqueous food	2 hours / 80° C	Immersion	< 10	Pass
B - Acetic acid 3%	Acidic food	2 hours / 100° C	Immersion	< 10	Pass
D2 - Olive oil	Fatty food	2 hours / 100° C	Immersion	< 10	Pass

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Migration test protocol according to EU 10/2011 (EN1186), Specific Migration

Parameter	SML-value (mg/kg)	Result
Tetrafluoroethylene (TFE) Worst case calculation of migration	< 0,05	Pass

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Flow Control

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