

## Declaration of Compliance

### ECON ball valves Fig. 7645 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: 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)
- Ball (ASTM A351-CF8M)
- 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 TF 4103

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

Food simulant	Contact foods	Time / Temperature	Technique	OML-value (mg/dm <sup>2</sup> )	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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**ERIKS**  
Flow Control

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