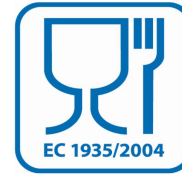


## Declaration of Compliance



**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)
- FDA 21 CFR 177.1550 (Perfluorocarbon resins)

**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 (repeated use)

| Food simulant      | Contact foods | Migration conditions                                      | Technique | OML-value (mg/dm <sup>2</sup> ) | Result |
|--------------------|---------------|---|-----------|---------------------------------|--------|
| A - Ethanol 10%    | Aqueous food  | 3 x 4 hours / 100° C                                      | Immersion | < 10                            | Pass   |
| B - Acetic acid 3% | Acidic food   | 3 x 4 hours / 90° C                                       | Immersion | < 10                            | Pass   |
| D2 - Olive oil     | Fatty food    | 4 hours / 100° C<br>8 hours / 100° C<br>12 hours / 100° C | Immersion | < 10                            | Pass   |

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Migration test protocol according to EU 10/2011 (EN1186), Specific Migration (based on cube assumption - 6 dm<sup>2</sup> per kg food)

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

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Extraction test method according to FDA 21 CFR 177.1550, overall extraction

| Test                              | Migration conditions     | Requirements (mg/inch <sup>2</sup> ) * | Result |
|-----------------------------------|--------------------------|--|--------|
| Extraction in Heptane 2 hours     | 2 hours / 100° C         | Max. 0,2                               | Pass   |
| Extraction in Water 2 hours       | Reflux temp. for 2 hours | Max. 0,2                               | Pass   |
| Extraction in 50% Ethanol 2 hours | 2 hours / 100° C         | Max. 0,2                               | Pass   |