

# Declaration of Compliance

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12.2.2015

Oy Toppi Ab  
Tiilismäki 9  
02320 Espoo  
Finland

We hereby declare that hoses in product group 110 (ToppClear) are made of transparent food grade Phthalate free plasticized PVC. ToppClear is a 3 layer re-enforced hose with a transparent Phthalate free PVC inner layer, braided polyester middle layer and Transparent Phthalate free PVC outer layer.

ToppClear hoses have a working pressure of 10 bar for hose sizes 4mm-32mm and 6 bar for hoses from 38mm to 50mm as 20°C (Tested according to SFAS 5408 Standard). Recommended working temperature - 20°C ...+60°C.

ToppClear hoses are used for the transfer of liquids and gasses. These hoses are suitable for contact with drinking water, liquid food, and acid up to 3% and Alcohol up to 10% for repeated contact, or 50% for continuous contact for maximum 1 hour.

The material used to manufacture this hose is REACH compliant and does not contain any substances listed in the RoHS directive 2002/95/EC.

## Global Migration Test method §64 LFGB B 80.30

Material was tested 10.10.2014 according to EU Directive 10/2011/EC using a total immersion method EN1186 part 3 in 50% Ethanol (Stimulant D (d)) at 40°C for time periods of 10min and 1hr.

## Test Results

### Test 1- 50% Ethanol 50% (10min / 40°C)

- maximum Requirement - 10 mg/dm<sup>2</sup>
- Result – 1,0 mg/dm<sup>2</sup>

### Test 2 – Ethanol 50% (1hr / 40°C)

- Maximum requirement - 10 mg/dm<sup>2</sup>
- Result – 1,8 mg/dm<sup>2</sup>

These calculations assume that 1kg of food comes into contact with 6 dm<sup>2</sup>

Managing Director  
Tero Toppi

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