

RAUAQUA T-Flex

Multi-layer hose for use in drinking water and food applications.
The RAUAQUA T-Flex meets the strict requirements of the UBA for products in contact with drinking water. Tested according to KTW-BWGL (Annex E) for cold and hot water and DIN EN 16421:2015-05.



- **Highly flexible**
- Absolutely opaque, therefore counteracts the formation of dangerous microbes and algae
- Durable marking due to embossing
- Homogeneous connection
- UV-resistant and resistant to standard cleaning and disinfection agents (based on DVGW W319 and W291)
- Temperature range material: -30 °C bis +65 °C
- Declaration of safety according to 21 CFR FDA §170 - §199
- Declaration of conformity according to Regulation (EC) No. 1935/2004 and Regulation (EU) No. 10/2011
- Tested according to WRAS



**New: An
Alternative
to the rubber
hose**

RAUAQUA T-Flex is suitable for fatty, aqueous, acidic and alcoholic foods with hydrophilic properties:

- Food categories A, B, C and D1
- Acidic foods with a pH value below 4.5

Please observe the technical information for integration on the back of this document.

| Mat-No. | Delivery format | Working pressure bar (at 20 °C) | EAN code (D) |
|-------------|--------------------------|---------------------------------------|-----------------|
| 10049011001 | 12.8 mm (1/2") 25 m coil | 15 | 40 64299 949200 |
| 10049011002 | 12.8 mm (1/2") 50 m coil | 15 | 40 64299 949217 |
| 10049021001 | 19.0 mm (3/4") 25 m coil | 15 | 40 64299 949224 |
| 10049021002 | 19.0 mm (3/4") 50 m coil | 15 | 40 64299 949231 |
| 10049031001 | 25.0 mm (1") 25 m coil | 10 | 40 67936 119608 |
| 10049031002 | 25.0 mm (1") 50 m coil | 10 | 40 67936 119615 |

Cleaning advice

Instructions

- During assembly and dismantling of the hose connection, and also transport, it is to be ensured that the parts that will come into contact with water are not contaminated.
- Before each new connection (first and recommissioning) hoses, connection systems, seals and armatures must be checked for contamination and damage.
- In any case mechanical cleaning by means of flushing and rinsing is to be carried out; if necessary cleaning with chemical or physical methods and if required disinfection.
- The DVGW W319 worksheet can be used as a basis.

1. Mechanical cleaning

Clean the hose armatures and seals thoroughly before assembly and flush through with clear drinking water; flush the hose through thoroughly with drinking water (max. water temperature 60 °C) for 5 mins. minimum.

2. Chemical cleaning

This should only be used:

- for extreme contamination
 - if the hose has not been used for a long time
- Commercial cleaning agents can be used for this in the concentration and under the conditions specified by the cleaning agent manufacturer.



Mechanical cleaning must be carried out following chemical cleaning, the DVGW W319 worksheet can be used as a basis.

Of course the RAUAQUA and RAUAQUA varioflex plus hoses are resistant to disinfection agents according to worksheet DVGW W291; the relevant use and safety information is to be followed absolutely.

Notes on integrating RAUAQUA Varioflex and RAUAQUA T-Flex drinking water hoses

The maximum operating pressure values were determined with a safety factor ≥ 3 based on static burst pressure values. The burst pressure values were determined in accordance with DIN EN ISO 1402. For dynamic applications, a safety factor of ≥ 4 must be taken into account when calculating the operating pressures (reduction of the operating pressure).

The burst pressures were determined on pressed lines at 20°C/room temperature. If a connection technology other than pressing is used, the user must check its suitability with regard to pressure and temperature.

In particular, we cannot make any general recommendations for Geka® Plus quick couplings, type XK or similar couplings. The user must test the application before installation depending on the specific application (pressure, temperature, creep behaviour). For a secure connection, we recommend compression as the only connection method.

Please also observe the instructions of the coupling and fitting manufacturer in all cases.