

**Hoses for food substances and drinking water**



**ACQUA ADT-K**

**Drinking water hose with PZH and KTW approval**

**Inner layer** smooth with mirror-like surface  
**Reinforcement:** technopolymer  
**layer:** synthetic braid  
**Outer layer:** blue technopolymer  
**Operating temp:** -30°C to +90°C (temperature-dependent operating pressure)

Flexible delivery hose designed for the transfer of cold (+23°C) and hot (+60°C) potable water. Its white, mirror-like inner surface prevents biofilm formation on the walls and is easy to clean. It does not adversely affect health properties and is free of phthalates, ADI (animal-derived impurities) and other hazardous substances restricted under REACH. It does not alter the organoleptic properties of water even at elevated temperatures. The outer layer is resistant to abrasion, ozone and weathering.

Suction/discharge version with steel spiral available on request (example index: MT-ACQUA-ADTK-LL-...).

**Cleaning:** steam at +120°C for up to 30 min (open system), other (CIP) in consultation with Tubes International.

**Standards and requirements:**

General: EC 2002/95 (RoHS), EC 1907/2006 (REACH),  
 Approval for drinking water: PZH B.BK.60110.0823.2022 (valid until 10.08.2025), UBA-Leitlinie, KTW, DVGW W270, D.M.174  
 Food industry, food contact: 1935/2004/EC and 2023/2006/EC (GMP); 10/2011/EU (inner layer).



| index             | internal diameter [mm] | external diameter [mm] | wall thickness [mm] | working pressure 20°C [bar] | 20°C burst pressure [bar] | bend radius [mm] | mass [kg/m] | Roll length [m] |
|-------------------|------------------------|------------------------|---------------------|-----------------------------|---------------------------|------------------|-------------|-----------------|
| MT-ACQUA-ADTK-013 | 13                     | 20                     | 3,5                 | 20                          | 60                        | 70               | 0,19        | 40              |
| MT-ACQUA-ADTK-016 | 16                     | 23                     | 3,5                 | 16                          | 48                        | 90               | 0,23        | 40              |
| MT-ACQUA-ADTK-019 | 19                     | 27                     | 4                   | 16                          | 48                        | 120              | 0,31        | 40              |
| MT-ACQUA-ADTK-025 | 25                     | 34                     | 4,5                 | 14                          | 42                        | 150              | 0,44        | 40              |
| MT-ACQUA-ADTK-032 | 32                     | 44                     | 6                   | 12                          | 36                        | 190              | 0,78        | 40              |
| MT-ACQUA-ADTK-038 | 38                     | 51                     | 6,5                 | 10                          | 30                        | 240              | 1,05        | 40              |
| MT-ACQUA-ADTK-045 | 45                     | 59                     | 7                   | 10                          | 30                        | 270              | 1,23        | 40              |
| MT-ACQUA-ADTK-050 | 50                     | 64                     | 7                   | 10                          | 30                        | 300              | 1,33        | 40              |
| MT-ACQUA-ADTK-065 | 65                     | 81                     | 8                   | 10                          | 30                        | 390              | 1,48        | 40              |

Note: indexes highlighted in colour - most commonly used



**GUARANTEE OF SAFETY !**

Water for human consumption must be **safe**. **safe** = no hazardous chemicals  
**safe**= no pathogenic micro-organisms and parasites  
**safe**= no corrosive properties

...in health-threatening quantities.

The ACQUA/ADT/K hose material is safe for water in all respects and does not adversely affect water quality.

**ACQUA ADT/K HOSE - AND NO NEED TO WORRY ABOUT WATER QUALITY !**