

# PROFILINE AQUA PLUS SOFT



- 1 Cover in PE soft, blue and food quality
- 2 4 Intermediate layers in PE soft, white and food quality
- 3 Textile reinforcement
- 5 Inner layer in Natural-PE, food quality

## Multi-layer hose for transfer of chemicals and food liquids.

Flexible and highly resistant, five-layer soft-PE hose with polyester fabric.

### APPLICATIONS

Transfer of food liquids, drinking water (Germany)

### SECTORS OF ACTIVITY

Food industry, fairs, exhibitions, chemical industry

### SIMULANTS A, B, C, D1, D2

- fruit juices
- wines
- alcohols



**INSTRUCTION BEFORE USE :**  
**IT IS RECOMMENDED TO FLUSH THE HOSE BEFORE THE FIRST USE**

### Marking

PROFILINE-AQUA PLUS SOFT  $\sigma$  inn 16 BAR KTW «A» + W270 geprüfter Trinkwasserschlauch (EU) N°10/2011 [year of fabrication] [Batch number]

### ADVANTAGES

- High flexibility.
- Excellent dimensional stability.
- High resistance.

The lining of PROFILINE AQUA PLUS SOFT, in PEHD, is perfect for most liquid foods. That is why this hose was approved KTW-Empfehlung (Drinking water Germany) by the Hygiene Institute from Ruhr.

These checks are:

- in the KTW recommendation for an examination of the chemical deposit in drinking water, tested on the end product.
- the DVGW W270 test is a microbacteriological material test.

Besides, it is inert chemically, which makes PROFILINE AQUA PLUS a hose suitable for the transfer of compatible chemicals. The special structure PVC ensures a flexible resistant hose.

### CONNECTORS

Swaged, barbed or serrated connectors. Band, worm drive, screw or 'O' type clamps. Crimping is possible with non-cutting connectors.

### CHEMICAL RESISTANCE

See table pages 102 to 105 column E. PROFILINE-AQUA PLUS SOFT is compatible with a wide range of aggressive chemical products (acids, alkalis, hydrocarbons, solvents). There are, however, known incompatibilities and we do not advise PROFILINE-AQUA PLUS SOFT to be used with the following products:

Sulphuric acid smoking or bichromated, bromide chemicals, chlor-based chemicals, chromosulfonic acid, sulfonic chloride nitric acid (> 50%), gaseous flour, liquid phosgene, butylphenone, oil of camphor, sulphur trioxide.

	+/-		+/-						Blue
mm	mm	mm	mm	mm	g/m	bar	bar	mm	50 m
13	+/- 0.6	19	+/- 0.6	3	134	48	16	125	155260
19	+/- 0.7	26	+/- 0.7	3.5	221	48	16	210	155275
25	+/- 0.8	33.5	+/- 0.8	4.25	348	48	16	230	155280

# PROFILINE AQUA EXTRA SOFT



- 1 Cover in TPE soft, blue and food quality
- 2 Intermediate layers in TPE soft, white and food quality
- 3 Textile reinforcement
- 4 Inner layer in Natural-TPE, food quality

## Multi-layer hose for transfer of chemicals and food liquids.

Highly flexible four-layer hose made of soft TPE with polyester fabric.

### APPLICATIONS

Transfer of food liquids, drinking water (Germany)

### SECTORS OF ACTIVITY

Food industry, fairs, exhibitions, chemical industry

### SIMULANTS A, B, C, D1

- fruit juices
- wines

- alcohols
- milk

## NEW CERTIFICATS



Gemäß KTW-Leitlinie des Umweltbundesamtes  
 ✓ Produktgruppe  
 Verbundschlauch Profiline-Aqua Extra Soft ab NW 10 mm (Tunfschichtig, gewebeverstärkt, außen: blau, rot oder grün)

Tricoflex SAS  
 Gültigkeitszeitraum  
 11/2017 - 11/2022



Gemäß DVGW-Arbeitsblatt W 270  
 Trinkwasserschlauch  
 Verbundschlauch Profiline-Aqua Extra Soft (Mehrschichtverbundschlauch)  
 1703088/3314/ih

TRICOFLEX® SAS  
 Gültigkeitszeitraum  
 02/2018 - 02/2023

### INSTRUCTION BEFORE USE :

IT IS RECOMMENDED TO FLUSH THE HOSE BEFORE THE FIRST USE

PLEASE ENSURE THAT THE COIL MEMORY IS MAINTAINED WHEN USING IT TO PREVENT KINKING

### Marking

PROFILINE-AQUA EXTRA SOFT ø inn 10 BAR KTW «A» + W270 geprüfter Trinkwasserschlauch (EU) N°10/2011 [year of fabrication] [Batch number]

### ADVANTAGES

- Extraordinary flexibility.
- Good dimensional stability.
- Smooth surface.
- Very suitable for roll-up systems.

The lining of PROFILINE AQUA PLUS SOFT is perfect for most liquid foods. That is why this hose was approved KTW-Empfehlung (Drinking water Germany) by the Hygiene Institute from Ruhr.

These checks are:

- in the KTW recommendation for an examination of the chemical deposit in drinking water, tested on the end product.
- the DVGW W270 test is a microbacteriological material test.

Compared to the PROFILINE AQUA PLUS and the PROFILINE AQUA PLUS SOFT, this new version is much more flexible and therefore very well suited for applications with very narrow bending radius. The Profiline Aqua Extra Soft redefines the concept of flexibility in drinking water hoses.

### CONNECTORS

Swaged, barbed or serrated connectors. Band, worm drive, screw or 'O' type clamps.

Crimping is possible with non-cutting connectors.

### CHEMICAL RESISTANCE

The PROFILINE AQUA EXTRA SOFT is mainly designed for drinking water. It can also be considered as chemically resistant to standard household cleaners based on weak acids, low concentrations of oxidizing agents and weak alkaline solutions. Please, contact us.

↻ mm	+/- mm	↻ mm	+/- mm	↻ mm	g/m	bar	bar	↻ mm	Blue
13	+/-0.5	19	+/-0.5	3	133	30	10	120	155120
19	+/-0.7	26	+/-0.7	3.5	221	30	10	240	155124
25	+/-0.8	33.5	+/-0.8	4.25	347	30	10	270	155128