



# PROFILINE AQUA® PLUS



SIMULANTS A, B, C, D1, D2

- fruit juices
- milk
- alcohols
- food oils



48

bar

+60

-15

°C



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

## APPLICATIONS

Transfer of food liquids, drinking water\*.



MARKING = PROFILINE AQUA PLUS ø inn 16 BAR KTW - BWGL geprüfter Trinkwasserschlauch (EU) N°10/2011 [year of fabrication] [Batch number] =

## Multilayer hose for transfer of chemicals and food liquids.

Five-layer design made from polyethylene reinforced with polyester textile fibres. Robust and certified for use with drinking water (KTW-BWGL).

Instruction before use : It is recommended to flush the hose before the first use.

## ADVANTAGES

- Excellent mechanical and chemical resistance
- Inert hose; does not affect organoleptic properties
- Excellent dimensional stability

The PROFILINE AQUA® PLUS, which is chemically inert thanks to its PE inner wall, is the ideal solution for transferring liquid food and drinks, drinking water and a wide range of chemicals.

This hose was awarded KTW-BWGL certification for cold (23 °C) and hot (60 °C) water under "System 1+" of the new German drinking water regulation by an approved external laboratory.

It therefore meets the regulatory requirements with regard to:

- the materials used
- migration testing
- microbial growth testing

The PROFILINE AQUA® PLUS is the most inert hose in the PROFILINE AQUA® range.

## 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 110 to 113 column E.

PROFILINE AQUA® PLUS is compatible with a wide range of aggressive chemical products (acids, alkalies, hydrocarbons, solvents). There are, however, known incompatibilities and we do not advise PROFILINE AQUA® PLUS 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.

Ø mm	+/ - mm	Ø mm	+/ - mm	Ø mm	g/m	bar	bar	mm	Blue 50 m
10	+/- 0,5	15	+/- 0,5	2,5	87	48	16	90	155240
13	+/- 0,5	20	+/- 0,5	3,5	161	48	16	110	155249
19	+/- 0,7	27	+/- 0,7	4	254	48	16	215	155256
25	+/- 0,8	34,5	+/- 0,8	4,75	394	48	16	295	155270

\*German certification