

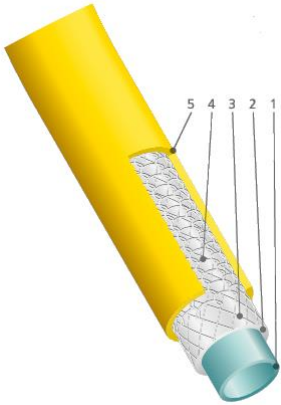


## RANGE DUPLEX

# IBOMASTER PLUS

### Garden hose in flexible PVC with food quality for water conduction

Insert in range Duplex, IBOMASTER PLUS is a garden top hose with Double Reinforcement Technology (TDR) with 5 layers, is intended to be use in gardening, water conduction and food contact. With appealing colors this hose is very flexible and has high durability and wear resistance.



#### Distribution of the 5 layers:

1. PVC alimentary layer, crystal light blue.
2. PVC layer flexible, white.
- 3./4. TDR with high resistance polyester yarn, white.
5. PVC layer anti-abrasive, yellow.

| $\varnothing_{int}$<br>(mm) | $\varnothing_{ext}$<br>(mm) | Weight<br>(g/m) | Bursting<br>pressure<br>(bar) | Length<br>(m) | Resistance to traction             |
|-----------------------------|-----------------------------|-----------------|-------------------------------|---------------|------------------------------------|
| 12,5 (1/2")                 | 17,6 ± 0.5                  | 150             | 30                            | 50            |                                    |
| 15 (5/8")                   | 20,5 ± 0.5                  | 190             | 30                            | 15   25   50  | Stress at break: ≥ 5 MPa           |
| 19 (3/4")                   | 25,7 ± 0.5                  | 290             | 26                            | 25   50       | Elongation at break: ≥ 150%        |
| 25 (1")                     | 32,4 ± 0.5                  | 410             | 22                            | 25   50       | Adhesion between layers: ≥ 15 N/cm |
| 30 (1.1/2")                 | 39,3 ± 0.5                  | 620             | 20                            | 25   50       |                                    |

### Other characteristics

**Material:** Flexible poly (vinyl chloride), phthalate free plasticizers, to which the remaining additives have been added to help in production. The material used does not contain lead, cadmium and barium.

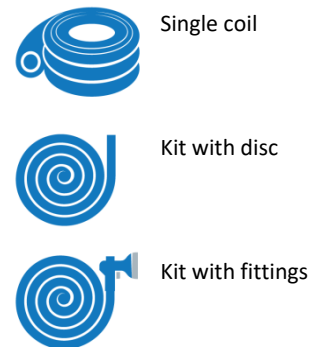
**Marking:** The hose is marked every 1 m/1.5 m with the following:

*Ibotec Duplex Ibotec plus  $\varnothing$ xx + Ibotec traceability code*

#### Characteristics of Duplex range



#### Options



#### Characteristics of IBOMASTER PLUS



\* Food simulant C of UE regulation 10/2011 (all aqueous and alcoholic foods up to an alcohol content of 20 % vv).

Intensively used for water transport at pressures up to 10/6,7 bar at +23°C and up to 6,5/4,3 bar at +60°C, in gardening and domestic use, at ambient temperature of -10°C/+60°C.

### Some instructions for use:

The fittings to be used with this hose are in plastic with the click system for suitable and easy connection. It can be cut with a knife or scissors. Care should be taken to avoid pinching the hose, especially with heavy machinery or equipment.

To increase the durability of the hose, it should be used within the stated pressure limits. It should be kept clean and kept free of water after each use, in a place protected from intense sunlight.

The characteristics can be improved as a result of improvements and technological progress.

Our Quality Department is at your disposal for any clarification.

Information and data are believed to be accurate and secure.

**IBOTEC.**  
HIGH TECH PIPES

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