

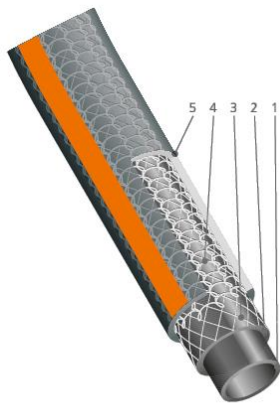


## RANGE DUPLEX

# MERCÚRIO

### Garden hose in flexible PVC for technical and industrial areas

Inserted in range Duplex, MERCÚRIO is a garden top hose with Double Reinforcement Technology (TDR) with 5 layers, is intended to be use in gardening, technical and industrial areas. The special coating from external layer gives a high abrasion resistance. This characteristic provides the ability to withstand the most aggressive applications and a long lifetime.



Ø <sub>int</sub> (mm)	Ø <sub>ext</sub> (mm)	Weight (g/m)	Bursting		Resistance to traction
			pressure (bar)	Length (m)	
12,5 (1/2")	17,6 ± 0.5	150	30	25   50	Stress at break: ≥ 5 MPa Elongation at break: ≥ 150%
15 (5/8")	20,3 ± 0.5	180	30	15   25   50	
19 (3/4")	25,5 ± 0.5	280	26	25   50	Adhesion between layers: ≥ 12 N/cm
25 (1")	31,9 ± 0.5	380	20	25   50	

#### Distribution of the 5 layers:

1. PVC layer flexible, black.
2. PVC layer anti-algae, black.
- 3./4. TDR with high resistance polyester yarn, white.
5. PVC layer anti-abrasive crystal grey with an orange stripe.

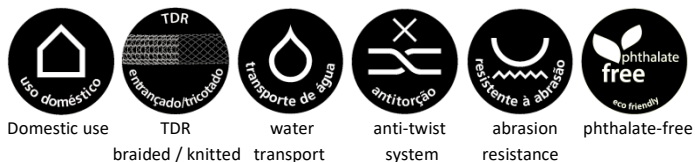
### Other characteristics

**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.

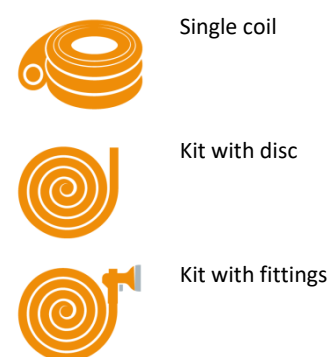
**Marking:** The hose is marked every 1 m/1.5 m with the following:

*Ibotec Duplex Mercúrio Øxx + Ibotec traceability code*

#### Characteristics of Duplex range



#### Options



#### Characteristics of MERCÚRIO



Intensively used in industrial environments, in the transport of water and liquids chemically compatible with the resistance of PVC, with pressure up to 10/6.7 bar at +23 °C and up to 6.5/4.3 bar at +55 °C, for general and domestic use, in gardening with a recommended temperature -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.

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