



FICHA TÉCNICA NÚMERO/ÚLTIMA REVISIÓN: 917-2/250518
CERTIFICACIÓN ISO 9001:2015 N° CA-1.092. LABORATORIO AUTORIZADO N° 046/GA/SA680A

PRODUCT

LOW PRESSURE MICROPERFORATED HOSE

DESCRIPTION

Microperforated hose for the efficient transfer of gases (air, oxygen, nitrogen, etc.) into both fresh and saltwater. Designed for the generation of fine, homogeneous microbubbles, without the need of an external power source. The design principle is such that when pressurized, the micropores open, producing fine bubbles. When the gas supply is closed, and the internal pressure diminishes, the micropores close down in order to prevent the trapping of water and dirt particles, ensuring the optimal utilization of gas and favouring long-term maintenance.

TECHNICAL FEATURES

Made of flexible polymers, self-locking polymeric cover that does not contain (EPDM), resistant to aggressive chemicals. Incorporating a special textile coating in order to improve mechanical hydrostability. External diameter = 125 mm. Internal diameter = 75 mm. Operated pressure range = 1 to 15 PSI (0,08 to 1,2 bar). Recommended working pressure= 1 bar. Micropores (6000 / m). Buble size range: 100 to 580 μm . Average bubble size 250 μm . Certified gas flow: 40lpm ó 2,5 m^3/h with 1 bar. The gas / water transfer ratio depends mainly on the depth, oxygen flow and water composition. The micropores are not blocked even after long resting periods. Adaptable to each containment system and easy to install, allows for the regulation of air / oxygen / other gases in water easily and efficiently.

REMARKS

Delivery: 10 to 15 working days from date of order. Final price may vary depending on purchase volume. Please contact our Commercial Office at ventas@acuinuga.com for further details.

