

**OFFER Nº:**

**1632**

**DATE:**

26/06/20



**FOR:**

SALTWATER OPERATIONS  
FRESHWATER OPERATIONS  
FISH PRODUCERS  
PURIFYING STATIONS  
HATCHERIES/NURSERIES  
WATER TREATMENT AGENTS

ISO CERTIFICATION: 9001:2015 N° CA-1.092. ACCREDITED LABORATORY N° 046/GA/SA680A



**PRODUCT: TECHNICAL HOSE FOR OXYGENATION / AERATION**

**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 up, producing fine bubbles. When the gas supply is closed, and the internal pressure diminishes, the micropores close down in order to prevent the entrapment of water and dirt particles within the hose, ensuring the optimal utilization of gas and favouring long-term maintenance. Made of flexible polymers, self-locking polymeric cover that does not contain (EPDM), increasing resistance to aggressive chemicals. Incorporating a special textile coating in order to improve mechanical hydrostability.

Advantages of the use of this hose include a substantial **reduction in energy costs**, **very low working pressure**; a significant increase in the **oxygen transfer per hour**, **higher levels of dissolved oxygen** and **better final result** in the transfer of gases into the water due to the **generation of microbubbles**. 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.

**TECHNICAL SPECIFICATIONS:** External diameter = 125 mm. Internal diameter = 75 mm. Operating pressure range = 1 to 15 PSI (0,08 to 1,2 bar). Recommended working pressure= 1 bar. Micropores (6000 / m). Bubble size range: 100 to 580 µm. Average bubble size 250 µm. Certified gas flow: 40 lpm or 2,5 m<sup>3</sup>/h at 1 bar.

**10% OFF REGULAR PRICE**

**OFFER DATE AND VALIDITY:** June 26<sup>th</sup> 2020 / 30 days.

**DELIVERY:** Please enquire.

**PAYMENT:** Advanced payment.

**ADDITIONAL INFORMATION:** Quotation excludes delivery and VAT charges. Please contact our Technical Address at [tecnico@acuinuga.com](mailto:tecnico@acuinuga.com) for further details.

