

High-Efficiency Aeration for Wastewater treatment plants



OXYGEN TRANSFER
High Performance



LOW HEAD LOSS
Optimized Design



LONG-LASTING
High-quality raw materials



LOW INSTALLATION COST
Quick Installation


MADE IN ITALY
Since 1983

Newair[®] Tape

PRODUCT PROPERTIES

- energy-saving
- low head loss
- high air flow
- high oxygen transfer
- break-proof easy to install
- very good chemical resistance for continuous operation

FEATURES

Newair is a third-generation diffuser, developed at the research unit of Pfeleiderer Water System (Neumarkt, Germany), manufactured at our headquarters (Bergamo, Italy) and designed to withstand particularly harsh operating conditions. Its extremely low pressure drop combined with high oxygen transfer has contributed to the creation of a diffuser with high technical characteristics and low energy consumption. The unique construction of the porous plate and the extremely smooth (mirror-like)

surface of the material prevent the diffuser from clogging, even during intermittent operation. In fact, sludge deposited on the outer surface can be removed at any time with simple shock aeration (washing air flow approx. 6 times the actual flow rate). These characteristics ensure that Newair diffusers can be chosen and installed for both continuous and intermittent operation. Their lightweight construction and exceptional durability make Newair a new and revolutionary diffuser in the field of oxygen diffusion.



NEWAIR® TAPE SPECIAL HDPE

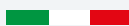
OPERATING RANGE

Model	Pore size µm	Range flow rate min-max	Optimal flow rate	Perforated area	Standard connection	Max temperature	Peak Air Flow
Newair Tape 500	fine	4-12 (Nm ³ /h) 2,5-7,5 (scfm)	7 (Nm ³ /h) 4,4 (scfm)	0,06 m ² 0,65 ft ²	1" F/M	80°C 176°F	15 (Nm ³ /h) 9 (scfm)
Newair Tape 750	fine	6-18 (Nm ³ /h) 3,7-11,2 (scfm)	14 (Nm ³ /h) 8,7 (scfm)	0,09 m ² 0,97 ft ²	1" F/M	80°C 176°F	23 (Nm ³ /h) 14 (scfm)
Newair Tape 1000	fine	8-24 (Nm ³ /h) 5-15 (scfm)	21 (Nm ³ /h) 13 (scfm)	0,12 m ² 1,3 ft ²	1" F/M	80°C 176°F	31 (Nm ³ /h) 19 (scfm)
Newair Tape 1500	fine	12-36 (Nm ³ /h) 7,5-22,4 (scfm)	28 (Nm ³ /h) 17,4 (scfm)	0,18 m ² 1,9 ft ²	1" F/M	80°C 176°F	46 (Nm ³ /h) 28 (scfm)

DIMENSION

Type	Total length	Width	Aeration Width
Newair Tape 500	500 mm 19,7 in	135 mm 5,3 in	125 mm 4,9 in
Newair Tape 750	750 mm 29,5 in	135 mm 5,3 in	125 mm 4,9 in
Newair Tape 1000	1000 mm 39,4 in	135 mm 5,3 in	125 mm 4,9 in
Newair Tape 1500	1500 mm 59 in	135 mm 5,3 in	125 mm 4,9 in

Since 1983 your partner for wastewater treatment products.
Proudly Made in Italy.



Our continuing commitment to quality product, may mean a change without notice of specification, design and other content included in this brochure.

CONTACT

Geotek-Tierre S.R.L.

Phone +39 035 810296

TeleFax + 39 035 810296

email: info@geotierre.com

Via Prato Pieve 54, 24060 Casazza (BG) - ITALY

Certified ISO9001:2015

Geotek-Tierre SRL
Via Prato Pieve 54
24060 Casazza (BG)
Italy



Italia

Azienda con sistema
di gestione qualità
certificato secondo la
Norma ISO9001:2015

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