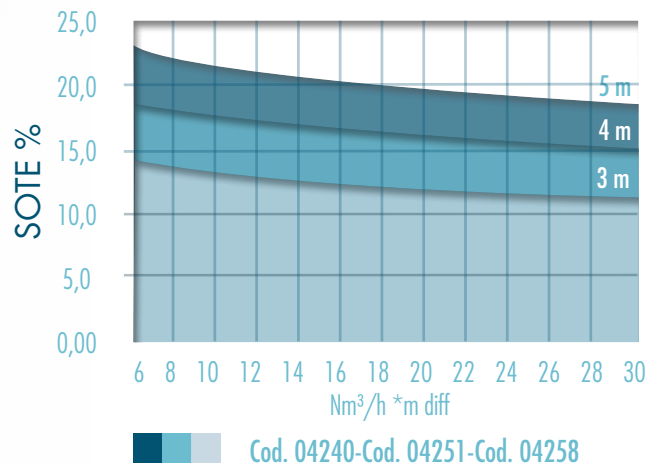


# AirTech TF90



3" fine bubble tubular diffuser with EPDM membrane - threaded connection

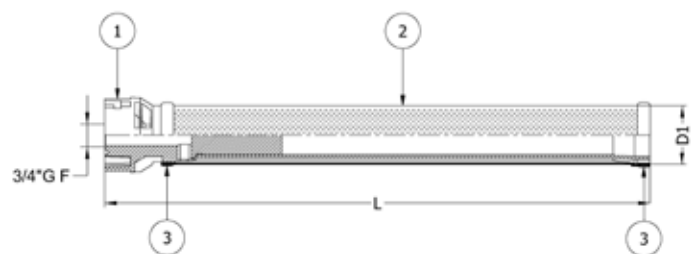
## Dimensions

Code	04240	04251	04258
D 1 [mm]	90 (3")	90 (3")	90 (3")
Total length [mm]	607	857	1.067
Perforated length [mm]	500	750	1.000
Threaded connection	ISO 3/4"G	ISO 3/4"G	ISO 3/4"G
Weight [Kg]	1,35	1,73	2,29

## Performance

Code	04240	04251	04258
Minimum airflow [Nm <sup>3</sup> /h]	2,0	2,5	2,5
Nominal airflow [Nm <sup>3</sup> /h]	5,0	7,5	10,0
Maximum airflow [Nm <sup>3</sup> /h]	15,0	25,0	30,0
Design airflow range [Nm <sup>3</sup> /h]	3,0-10,0	4,0-15,0	5,0-20,0
* Head losses [cm w.c.]	36	36	36

\* Head losses are calculated at nominal airflow and 4m submergence



1 Holder 2 Membrane 3 Clamp

## Materials

Code	04240-04251-04258
Membrane	EPDM
Holder	PP
Header	PPGF 30%
Clamp	A4

## Membrane

Code	04240	04251	04258
Number of slits	14.300	21.400	28.600
Perforation [mm]	1,0-1,5	1,0-1,5	1,0-1,5
Active surface [m <sup>2</sup> ]	0,120	0,180	0,240
Average thickness [mm]	1,9	1,9	1,9
Tensile strength [Kg/cm <sup>2</sup> ]	>60	>60	>60
Elongation at break [%]	400	400	400
Hardness [Shore A]	40	40	40
Plasticizer content [%]	35	35	35

## NOTES

SOTE according to ANSI/ASCE-06 (EN 12255-15)

Tollerances on the thickness  $\pm 0,2$  mm

Tensile strenght according to ISO 37 type 1

Elongation at break ISO 37 type 1

End support is suggested in case of installation with mixers