

AirMax[®]

Aeration System



Application:

- To inject oxygen into the planting hole to stimulate the vitality and growth of trees.

AirMax Aeration:

As a result of frequent subsoil compaction the soil in urban environments often contains too little oxygen. Oxygen is an essential component for tree roots to grow. Structural measures are required to ensure a good exchange of gasses (diffusion). Application of the AirMax aeration system allows you to work easily and effectively.

The AirMax aeration system is a highly effective method for the convenient aerating of trees in public spaces. AirMax can be applied both for trees in planting sections and for trees planted in paving. All AirMax aeration hoses and tubes are standard provided with extra slits, creating at least 30% extra diffusion. The AirMax aeration tubes are standard provided with a polyester filtering cloth (woven sleeve) that ensures that the openings and slits in the hose do not become blocked or sanded up over time. This extra perforation makes it possible to use polyester filtering cloth with a very long life, that far exceeds the 5- to 10-year lifespan of coconut fibre. One of the great advantages of PE and PP tubes is that they are made from recycled products and are in turn recyclable. This mainly concerns production waste and partly "post-consumer" waste. The tubes that we use are made from polypropylene and not from harmful PVC. This is a more expensive solution, but environment-friendly and therefore mandatory!



AirMax has extra slits and therefore produces better aeration.

Properties:

- Easy to install
- Ready-made, available to size
- Durable
- Flexible
- UV-proof
- High chemical resistance
- Insensitive to root growth, dirt and micro-organisms
- Less environmentally harmful
- Polypropylene tube with polyester filtering cloth against clogging up
- Extra slits for better aeration

Material:

- Polypropylene with extra slits
- Mould-injected couplings
- Polypropylene snap connection

Dimensions:

AirMax aeration is available in various standard sets for trees of different sizes and with single or double aboveground outlets, provided with a standard end cap. Optionally the standard sets can be extended with a Ø 125 mm or Ø 160 mm vertical or soil tube. The latter can also be combined with your own irrigation system.

GREENMAX 

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Technical data:

External diameter (mm)	80	160
Internal diameter (mm)	68,5	140
Perforation rows (number)	10	10
Perforation width (mm)	8	12
Perforation length (mm)	12	20
Number of perforations per metre (x)	530	580
Perforated area per m ¹ (mm ²)	10000	18440
Weight (gr/m) +/-	325	900
Ring stiffness value	SN8	SN4

Reference table material properties:

Applied by Greenmax: PP

Material	PVC	PE	PP
Min. temperature tolerance	+3°C	-18°C	-25°C
Max. temperature tolerance	+80°C	+110°C	+130°C

Specifications:

Specifications are available on our website or from our office.

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