

# CO<sub>2</sub> dosing hose



The CO<sub>2</sub> dosing hose is a transparent polyethylene hose for the dosing of CO<sub>2</sub> from flue gases into the greenhouse. The CO<sub>2</sub> is injected into the greenhouse through the four holes of 0.8 mm. The holes are made continuously 2x along the edge, at standard perforation intervals. Different injection rates can be achieved by varying the perforation intervals so that the needs of the installation can be satisfied. The width of the CO<sub>2</sub> hose is determined according to the roof length and the desired capacity.

The KMG hose is also available. This hose has an installation strip with holes so that the hose can be installed in combination with hooks. By attaching the hose to the growing tube, for example, the hose can “grow” with the crop so that the CO<sub>2</sub> is injected close to the growing part of the crop, maximising the injection effect. The dosing perforations do not or barely clog thanks to the possibility of installing on a slope and suspending above the ground. It also reduces the formation of “water traps” in the hose.

## APPLICATION

CO<sub>2</sub>-dosing systems

## CHARACTERISTICS

- ✓ PE-hose with perforations

## TECHNICAL DATA

	CO <sub>2</sub> dosing hose	KMG CO <sub>2</sub> dosing hose
Width (flat)	: 65 mm (41 mm dia.) : 94 mm (60 mm dia.) : 120 mm (75 mm dia.)	: 94 mm (60 mm dia.) with 13 mm installation fringe
Perforations	: Perforated on 2 sides (4 holes)	: Perforated on 2 sides (4 holes)
Option	: Perforated on 1 side (2 holes)	: Perforated on 1 side (2 holes)
Perforation diameter	: 0.8 mm	: 0.8 mm
Perforation interval	: 15 - 100 cm	: 40 - 60 cm
Installation holes	: n/a	: per 50 cm, 2 mm
Material	: PE	: PE
Coil length	: 500 m	: 500 m
Maximum temperature	: 50°C	: 50°C (the material becomes deformed at 60°C)

## INSTALLATION & MAINTENANCE

- ✓ CO<sub>2</sub> hoses are installed with VDL casting intestinal tubes 32-63 mm dia. (with orifices)