StripNet<sup>™</sup> Pro **PRESSURE-COMPENSATED EMITTER** 

For frost mitigation in stripe crops.









**Applications** 



Efficient frost mitigation in vineyards or other stripe crops



**Efficient stripe** 

# Benefits & Features

# Ensures high frost mitigation and cooling performance

- StripNet™ Pro is a pressure compensated static microemitter ensures uniform performance along the field even across hilly terrain and long rows
- StripNet™ offers narrow water distribution shape around 20 m³ per hectare (depends on the distance between rows), 50% less water and energy than standard full-coverage sprinkler systems
- ✓ The unique pulsation mechanism allows each emitter to cover a large range while maintaining low flow, allowing reduction of emitter units per hectare, infrastructure cost, and water consumption

# Simple maintenance

- The product is modular and can be dis-assembled easily for maintenance
- Static emitter No moving pars

# Long-lasting performance

StripNet™ Pro is made of plastic materials resistant to standard nutrients used in agricultural and weather conditions

# Specs. & Recommendations

- Pressure compensated static emitter with no moving parts
- 1 flow rate: 30 L/H
- Pressure regulation range: 2.0-4.0 bar
- Water distribution pattern: Rectangular water covering - 50 cm stripe width
- Installation recommendations:
  - The recommendation distance between emitters is up to 5.0 meters to achieve overlapping of the water.
  - Vertical installation of the product. 50cm above vineyard tree-top
- 1 type of inlet connector: Barb
- Color code: Single active nozzle colored brown. And plug nozzle colored black
- Recommended filtration\*: 130 micron / 120 mesh

\*Note: Filtration method shall be selected based on the type and concentration of the dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Wherever sand/ silt/ clay solids exceed 100 ppm, pre-treatment shall be applied according to

# **→ TECHNICAL DATA**

MODEL	FLOW RATE* (I/H)	CODE COLOR	NOZZLE WATER PASSAGES AREA (MM²)	WORKING PRESSURE RANGE (BAR)	WETTED AREA (M X M)	ACTIVE NOZZLE CODE COLOR
30	31	BROWN	0.83	2.0-4.0	0.5 X 5.5	BROWN

<sup>\*</sup>Within working pressure range

### → PACKAGING DATA

STRIPNET™ PRO	QUANTITY P/ BOX UNITS	BOX SIZE (CM X CM X CM)	BOX WEIGHT (KG)	BOXES P/PALLET	TOTAL UNITS P/PALLET	PALLET WEIGHT (KG)
HEAD ONLY	650	18 X 34 X 79	12.2	36	23400	439
COMPLETE UR STAND (120 CM.) W/O STAKE	100	17 X 26 X 139	10.1	15	1500	152
COMPLETE UR STAND (200 CM.) W/O STAKE	50	17 X 26 X 139	7.2	15	750	108

# → StripNet<sup>™</sup> PRO HEAD ONLY

MODEL	BIC
030	64400-001000

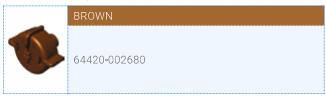
## → StripNet<sup>™</sup> PRO ASSEMBLY STANDS

MODEL	030
STRIPNET PRO BIC 030 120CM W/O STK	64400-001150
STRIPNET PRO BIC 030 200CM W/O STK	64400-001480

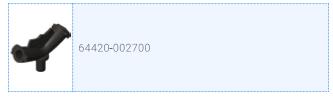
All assembly stands include  $4*6.5\,\mathrm{mm}$  black SPE micro-tube. Other stand combinations can be ordered.

# → StripNet<sup>™</sup> PRO COMPONENTS

### STRIPNET™ PRO, ACTIVE NOZZLE



### STRIPNET™ PRO "Y" NOZZLES BODY



#### STRIPNET™ PRO, PLUGGED NOZZLE



### STRIPNET™ PRO TUBE



64420-002600

## → StripNet<sup>™</sup> PRO ASSEMBLY OPTIONS

StripNet<sup>™</sup> pro can be assembled in one of the following three ways:

#### **CLAMP FOR WOOD POLES**



#### **CLAMP FOR WOOD POLES**

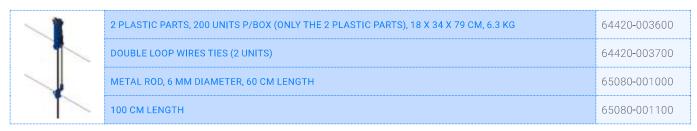


ON A METAL STAKE (2.5 TO 5.0 MM THICK), WITH A NETAFIM™ SPECIAL DESIGN CLAMP 1200 UNITS P/BOX, 35 X 35 X57 CM, 14.5 KG

64420-003010

1 UNIT

When the distances between stakes are more than five meters, or when exact alignment is preferred, it is recommended to use the Netafim™ "bracket between wires", unique installation system between two of the vineyard metal wires. This product includes two injected plastic parts, a metal or fiberglass rod (according to the user's choice), and two metal wires for tightening.



<sup>\*</sup>Other metal rod lengths available upon request