



# **VIBRONET**<sup>TM</sup>

## **APPLICATIONS**

Germination tables.

## **SPECIFICATIONS**

- Bridgeless micro emitter with vibrating action.
- Micro-emitter, 3 different flow rates: 25, 40, 50 l/h.
   Nominal flow rates at 3.0 bar pressure.
- Recommended working pressure: 3.0 bar.
- Recommended filtration: 130 micron / 120 mesh.
   Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water.
   Wherever sand exceeding 2 ppm exists in the water, a Hydro-cyclone filter is to be installed before the main filter.
   When sand/ silt/ clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- Inlet connector: press fit.

#### **FEATURES AND BENEFITS**

- Excellent uniformity distribution on a full coverage irrigation system.
- Operation of this emitter is based on vibration, water passage through the nozzle causes needle vibration which in turn breaks up the water jet into uniform droplets that are evenly spread.
- Constantly self-cleaning, the vibrating system does not allow for build up of mineral deposits in the nozzle.
- Micro-emitter made of plastic materials resistant to all agrochemicals & weather conditions.
- Strongly recommended to connect the VibroNet<sup>™</sup> to the distribution pipe with a SSPE (super soft PE) micro-tube, a purpose-designed weight and AD valve (anti-drain) to prevent distribution pipe drainage.



# VIBRONET™ TECHNICAL DATA

MODEL	FLOW RATE (L/H)*	NOZZLE CODE COLOR	PIN CODE COLOR	NOZZLE WATER PASSAGES AREA (MM²)	RECOMMENDED WORKING PRESSURE (BAR)	CONSTANT K	EXPONENT X	WETTED DIAMETER 150 CM ABOVE GROUND* (M)
025	24.0	Brown	Black	0.38	3.0	5.2	0.45	3.0
040	40.0	Blue	Gray	0.60	3.0	8.6	0.45	4.0
050	47.0	Green	Gray	0.71	3.0	9.5	0.47	4.0

<sup>\*</sup> at 3.0 bar working pressure

## **PACKAGING DATA**

VIBRONET™	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	3200	28 x 28 x 57	19.2	32	102400	614
Complete stand, 15 cm tube w/stabilizer and AD valve	250	28 x 28 x 57	15.1	32	8000	484
Complete stand, 30 cm tube w/stabilizer and AD valve	200	28 x 28 x 57	15.0	32	6400	480
Complete stand, 60 cm tube w/stabilizer and AD valve	150	18 x 34 x 79	11.5	20	3000	230
Complete stand, 90 cm tube w/stabilizer and AD valve	200	28 x 27 x 113	15.0	16	3200	240

# VIBRONET™

Flowchart to determine the desired product definition

How to use: To determine the desired product definition select one of every set of options displayed on the chart.

EMITTER		HEAD IN			FLOW			STAND ASSEMBLY			CONNECTOR TO LATERAL			ACCESSORIES			
VibroNet™	VBN		Press fit male	MIC	;	25 l/h	025		Head only	HEAD ONLY		Barb	ВС		AD valve 1.5/0.7 bar	AD15	
					Т		40 l/h	040		Head + 15 cm microtube +	15CM		Press fit	PFC		AD valve 2.0/0.9 bar	AD20
						50 l/h	050		Stabilizer Head + 30 cm	W/STB		3/8" conic press fit	3/8C		AD valve 3.0/1.5 bar	AD30	
									microtube + Stabilizer	30CM W/STB		M11 press	M11C		3.0/1.5 bal		
									Head + 60 cm microtube + Stabilizer	60CM W/STB		fit	IVITIC				
									Head + 90 cm microtube + Stabilizer	90CM W/STB							
									Head + XXX cm microtube + Stabilizer	XXXCM W/STB							
									*When selecting an undefined tube length, add the desired length writing. ** standard supplied micro-tube : 4*6.5 SSP colored light gray	in							
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