

SuperNet™ GS

FULL COVERAGE IRRIGATION

Irrigation of tree plantations for applications require overlapping.



Pressure compensated



Reduces maintenance



Higher reliability & longevity

Applications



Under tree irrigation as single head



Orchards frost mitigation



Orchards cooling

/ Benefits & Features

→ Ensures higher crop uniformity

Thanks to a unique design of pressure compensation mechanism and special design of the sprinkler swivel and water channel

→ Achieves optimal results in a varied topography area

With a unique pressure compensated mechanism, the SuperNet™ GS Overlapping ensures uniform water and nutrient distribution in between the trees, regardless of sprinkler's inlet pressures (within pressure range)

→ Reduced maintenance and higher reliability & longevity

The water passage area is 30% larger (depending on the flow rate) than industry standard eliminates clogging issues

Anti-ant mechanism preventing insect penetration into the area of the micro sprinkler nozzle

Special row materials made the SuperNet™ resistant to all agrochemicals & weather conditions resistant to all agrochemicals & weather conditions

Specifications & Recommendations

- ✓ GS - Grey Swivel - is a dynamic swivel for full coverage irrigation. Creates overlapping between micro-sprinkler
- ✓ 2 different flow rates: 90, 110l/h. (Flow rates within Pressure range)
- ✓ Pressure range: 1.5-4.0bar
- ✓ 5 types of inlet connectors: Barb, Self-tapping, Press fit, 3/8", 1/2" male threaded
- ✓ 2 types of upper bearing:
 - Standard = STUB - for normal water
 - Everspin™ = ESUB - for harsh conditions
- ✓ GS swivel for all flow rates is Grey
- ✓ The regulation chamber is color coded for easy identification of the flow rate
- ✓ Conformity with ISO 8026 standards (SI1406)
- ✓ Recommended filtration*: 200mic./80mesh

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

→ Technical Data

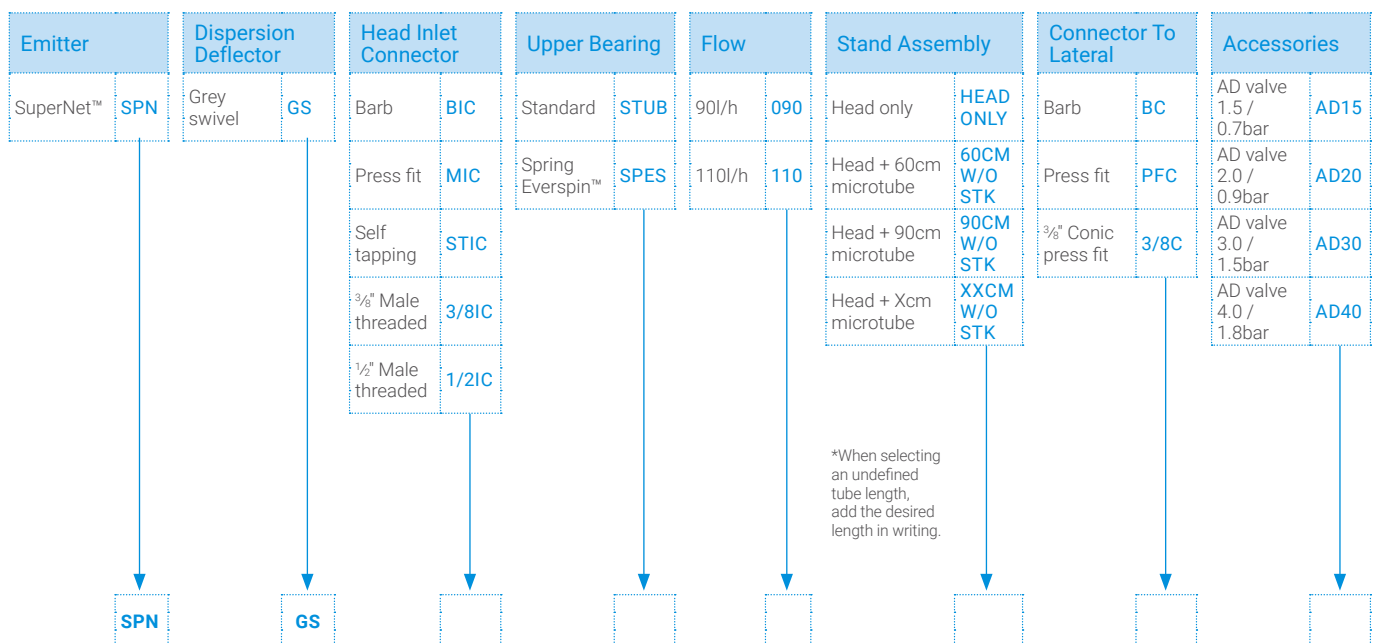
Model	Flow Rate (l/h)*	Regulation Chamber Code Color	Nozzle Size (mm)	Working Pressure Range (bar)	Constant K	Exponent* X	Wetted Diameter GS 100cm Above Ground (m)	Swivel (Rotor) Code Color
090	90	Orange	1.74	2.0 - 4.0	90	0	7.5	Light grey
110	110	Red	1.70	2.0 - 4.0	110	0	8.0	

* Within working pressure range

→ Ordering Information

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.



→ Packaging Data

SuperNet™ GS	Qty. 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	500	28 x 28 x 57	10.1	32	16000	335
Complete stand, 60cm micro tube length, w/stake	100	18 x 34 x 79	8.3	20	2000	178
Complete stand, 60cm micro tube length, w/o stake	200	18 x 34 x 79	7.5	20	4000	162
Complete stand, 90cm micro tube length, w/stake	100	28 x 27 x 113	7.1	16	1600	124
Complete stand, 90cm micro tube length, w/o stake	200	28 x 27 x 113	6.7	16	3200	117

→ SuperNet™ GS Head Only With Standard Upper Bearing

Model & Regulation Chamber Color	Swivel Color	BIC	STIC	MIC	3/8IC	1/2IC
090 / Orange	Light grey				63500-161500	
110 / Red						63500-167500

- Background color defines the code color of the respective swivel

→ SuperNet™ GS Assembly Stands Without Stake

How to use: Replace **X** with: inlet connector type / **Y** with: flow rate / **Z** with: microtube length

PFC = Press fit to lateral

		60cm			
		Flow Rate (l/h)	STIC	MIC	BIC
PFC	Code Master SPN GS X STUB Y L/H Z CM W/O STK PFC Example SPN GS MIC STUB 020 L/H 120 CM W/O STK PFC	90		63500-136100	
		110		63500-137100	

- Missing catalog numbers available upon request

- Other stand combinations can be ordered based on the attached flowchart which can help determine the desired product requirement.