

Hydra™

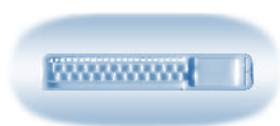
35135

For use in row crops

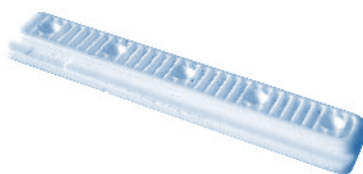
- Superior TurboNet™ flow regime
- Wide filtration area
- Wide cross-section improves clogging resistance
- Optional "flap" outlet to prevent suck-back



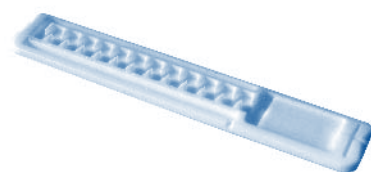
Hydra™ facets



Internal emitter protected from mechanical damage.
Low sensitivity to high water temperature
Injected molded drippers construction ensuring uniform drippers and very low CV



Large filtration area to ensure optimal performance even under harsh water conditions



Large, wide, deep and short flow path cross-section, to minimize clogging and ensure exact flow rate in all conditions

Drippers technical data

Nominal flow rate (l/h.)*	Max. working pressure (bar)	Flow rate at max. working pressure (bar)	Water passages dimensions			Filtration area (mm ²)	Constant K	Exponent x
			Width (mm.)	Depth (mm.)	Length (mm.)			
0.80	0.7	0.68	0.64	0.39	23	29	0.284	0.45
1.05	0.7	0.90	0.64	0.50	23	29	0.373	0.45
1.60	0.7	1.35	0.79	0.60	23	34	0.529	0.48
2.70	0.7	2.28	0.89	0.85	23	34	0.894	0.48

* At 1.0 bar

Drippers flow vs. pressure

Model Nominal flow rate*	Flow rate (l/h.) at pressure (bar)				
	0.30	0.40	0.50	0.60	0.70
0.80	0.47	0.53	0.59	0.64	0.68
1.05	0.61	0.70	0.77	0.84	0.90
1.60	0.90	1.03	1.15	1.25	1.35
2.70	1.51	1.74	1.94	2.11	2.28

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
35135	35.00	0.34	35.68	0.60	0.01

For use in row crops

Performance Data

Hydra™ 35135 - I.D. 35.00 mm. - Inlet pressure 0.70 bar

Maximum lateral length (meter) at 10% Flow variation - spacing between drippers (meter)

Model Nominal flow rate*	Slope %	Spacing between drippers (m.)					
		0.2	0.3	0.4	0.5	0.6	0.75
0.80	0	526	685	826	954	1073	1239
1.05	0	394	514	620	717	806	931
1.60	0	310	404	488	564	634	732
2.70	0	222	290	350	406	454	526

* At 1.0 bar

For more information, please contact Netafim™ Technical Department or connect to our website at: www.netafim.com

06-0707-DRP-PS-0072-EN

Packaging Data

Hydra™ on carton coils	Wall thickness (mm.)	Distance between drippers (meter)	Coil length (meter)	Average coil weight* (kg.)	Number of coils in a pallet (units)	Average pallet weight* (kg.)	Coils in a 40 feet container (units)	Total in a 40 feet container (meters)
35135	0.34	0.15 to 0.25	900	34.1	12	418.2	480	432000

* According to drippers spacing