

UniRam™ AS 20012, 20010 Anti-siphon

For sub-surface, deciduous & tree irrigation

- TurboNet™ labyrinth assures wide water passage
- PC system for uniform flow rate from 0.5 - 4.0 bar
- Anti-siphon & self-flushing systems prevent dirt penetration and improve clogging resistance
- Root physical barrier improves resistance to clogging caused by root penetration



UniRam™ facets



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

Injected silicon diaphragm



Large, deep and wide cross-section improves clogging resistance

Root physical barrier – improves resistance to root penetration



PC system ensuring exact flow rate in all field conditions

Injection molded dripper construction, ensuring uniform drippers and very low CV

Drippers technical data

Flow rate (l/h)	working pressure range (bar)	water passage dimensions width-depth-length (mm)	filtration area (mm ²)	constant K	exponent* X
1.0	0.5-4.0	0.83 x 0.74 x 40	130	1.0	0
1.6	0.5-4.0	1.26 x 0.74 x 40	130	1.6	0
2.3	0.5-4.0	1.26 x 1.00 x 40	130	2.3	0
3.5	0.5-4.0	1.59 x 1.15 x 40	150	3.5	0

*At working pressure range

Dripperlines technical data

Model	inside Ø (mm)	wall thickness (mm)	outside Ø (mm)	max. working pressure (bar)	KD
20012	17.50	1.2	19.90	4.0	0.4
20010	17.45	1.0	19.45	3.5	0.4

UniRam™ AS 20012, 20010

Anti-siphon

For sub-surface, deciduous & tree irrigation

Performance Data

UniRam™ AS 20012 • I.D. Ø 17.50 mm • Inlet pressure 3.0 bar

Max. lateral length (m) • spacing between drippers (m)

Flow rate (l/h)	0.20	0.30	0.40	0.45	0.50	0.60	0.75	0.90	1.00	1.25	1.50
1.0	232	324	408	447	485	556	656	749	808	945	1073
1.6	170	239	300	329	358	410	485	554	597	699	794
2.3	134	188	238	261	283	325	383	438	472	554	629
3.5	102	143	181	198	215	247	293	334	361	423	480

UniRam™ AS 20010 • I.D. Ø 17.45 mm • Inlet pressure 3.0 bar

Max. lateral length (m) • spacing between drippers (m)

Flow rate (l/h)	0.20	0.30	0.40	0.45	0.50	0.60	0.75	0.90	1.00	1.25	1.50
1.0	232	324	408	447	485	556	656	749	808	945	1073
1.6	170	239	300	329	358	410	485	554	597	699	794
2.3	134	188	238	261	283	325	383	438	472	554	629
3.5	102	143	181	198	215	247	293	334	361	423	480

Minimum pressure considered = 0.5 bar, calculated in a plain area.

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

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Packaging Data

UniRam™ AS	Wall thickness (mm)	Coil length (m)	Distance between drippers (m)	Coil weight* average (kg)	Coils in a 40 feet container (units)	Total in a 40 feet container (m)
20012	1.2	300	0.2 to 1.0	20.2	352	105600
20010	1.0	300	0.2 to 1.0	17.4	352	105600

* According to drippers spacing

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