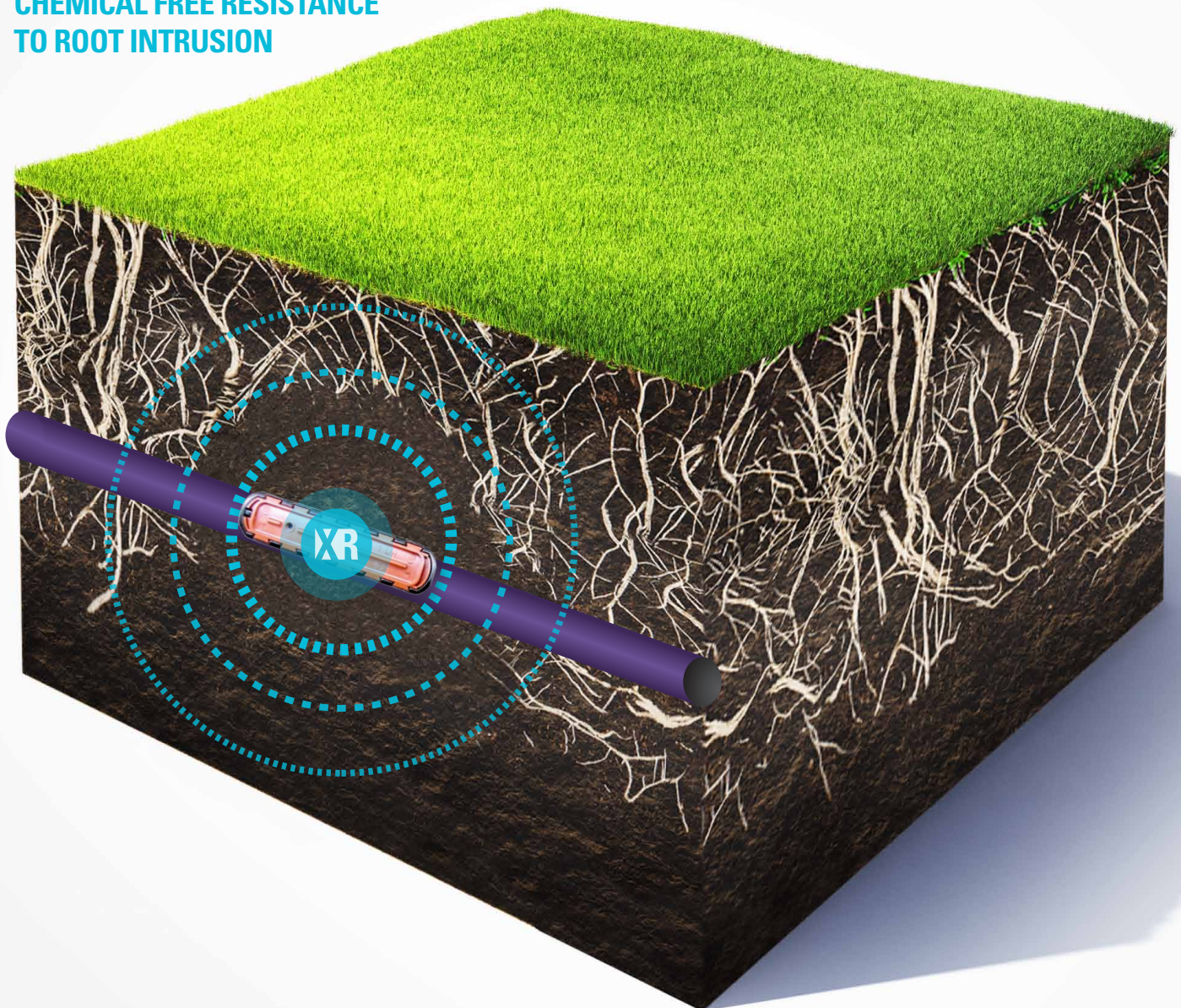


SMART SOLUTIONS FOR WATER RE-USE

UNIBIOLINE CNL XR

CHEMICAL FREE RESISTANCE
TO ROOT INTRUSION



UNIBIOLINE CNL XR

UNIBIOLINE CNL XR IS NETAFIM'S UNIQUE ADDITION TO OUR DRIPPERLINE RANGE AND ANOTHER NETAFIM WORLD-FIRST WITH NON-DETERIORATING, CHEMICAL FREE RESISTANCE TO ROOT INTRUSION.

Netafim's UniBioline CNL XR provides a unique cost effective solution to combat root intrusion. The diaphragm cover is impregnated with Copper Oxide as part of the mould. This means it does not deteriorate; giving you peace of mind that your crops are still getting the exact amount of water they need, where and when they need it.

APPLICATIONS

- Typically installed following a treatment process.
- Suitable for domestic and commercial on-site water re-use applications using a minimum of secondary 'treated' water.
- Not suitable for frost prone area - Use Bioline AS.
- Subsurface Drip Irrigation (SDI).

FEATURES & BENEFITS

- Copper Oxide impregnated diaphragm cover.
- Anti-Drain (**CNL**) for efficient pulse irrigation, prevents water drainage and reduces run-off (ideal for slopes). On system start up all drippers open simultaneously improving uniformity. The CNL feature also limits the risk of ponding by not allowing effluent to drain out of the lowest drippers
- Pressure compensated (**PC**) – self regulates to ensure uniform drip discharge.
- Anti-Siphon (**AS**) dripper – prevents suck back.
- Patented TurboNet Dripper Technology – wide and deep flow passage.
- UniRam™ AS drippers meet ISO 9261 Standards with production certified by the Standards Institute of Israel (SII).
- Centrally mounted dripper with large inlet filter.
- Operating Pressure: 100 kPa – 350 kPa.
- Recommended filtration: 120 mesh (130 micron).
- Tubing colour: co-extruded lilac tube (indicates non-potable water).

Additional flow rates, spacings and pipe sizes are available upon request.
Minimum quantities apply.

TECHNICAL DATA

UNIBIOLINE CNL XR

UNIQUE DESIGN

1 EXTERIOR

The exterior has been designed with a chemical free root intrusion barrier by incorporating Copper Oxide in the mold of the diaphragm cover.



2 INTERIOR

The interior has been designed to allow water to flow without being blocked by fine feeder roots or by sediment built-up in the dripperline.



DRIPPER TECHNICAL DATA

FLOW RATE	DRIPPER NAME	PACKAGING	INSIDE DIAMETER	OUTSIDE DIAMETER	WALL THICKNESS	PRESSURE RANGE
L/HR			MM	MM	MM	M
1.0, 1.6, 2.3 & 3.5	UniRam™ CNL	Strapped	14.2	16.2	1.0	10 – 35*

* The Uniram CNL emitter will function at 10m but for waste water we recommend a minimum of 12m.

TECHNICAL DATA & PRODUCT CODES

CODE	FLOW RATE	DRIPPER SPACING	COIL LENGTH	150 KPA	200 KPA	250 KPA	300 KPA
	L/HR	M	M	M	M	M	M
13964-002000	1.6	0.4	200	100	128	148	160
TBA	1.6	0.5	100	122	156	179	198
TBA	2.3	0.4	200	81	102	116	130
TBA	2.3	0.5	400	98	124	143	156
TBA	2.3	0.6	100	112	143	165	181
TBA	3.5	1.0	100	129	165	190	210

Maximum run length (m) for single lateral on flat ground to achieve 10m at the end of the lateral.

SUITABLE FITTINGS

PRODUCT CODE	DESCRIPTION	PRODUCT CODE	DESCRIPTION
32500-013750	16mm Start Take-off to suit LDPE	32500-012500	16mm Elbow
00005-011500	16mm Elbow Take-off to suit 16mm LDPE	32500-001130	16mm Tee
45000-001650	7mm Professional Punch Tool	32500-010700	16mm Joiner
32500-013700	16mm Straight Take-off with Grommet to suit PVC	76400-011750	16mm Herbie Clip Ratchet Clamp
00025-002400	Hold Down Stake (Asta)	00005-002200	16mm Ratchet Clamp
00005-010600	19mm x 16mm Barbed Elbow	00060-006020	16mm Stainless Steel Netafim Clamp (15/8)

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The diaphragm cover is impregnated with Copper Oxide as part of the mould.

This means it does not deteriorate; giving you peace of mind that your plants are still getting the exact amount of water they need, where and when they need it.

- Effective for the life of your dripperline
- No replacement of chemical injected filter units
- Reduced maintenance costs

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BR72 - UNIBIOLINE CNL XR
APRIL 2017