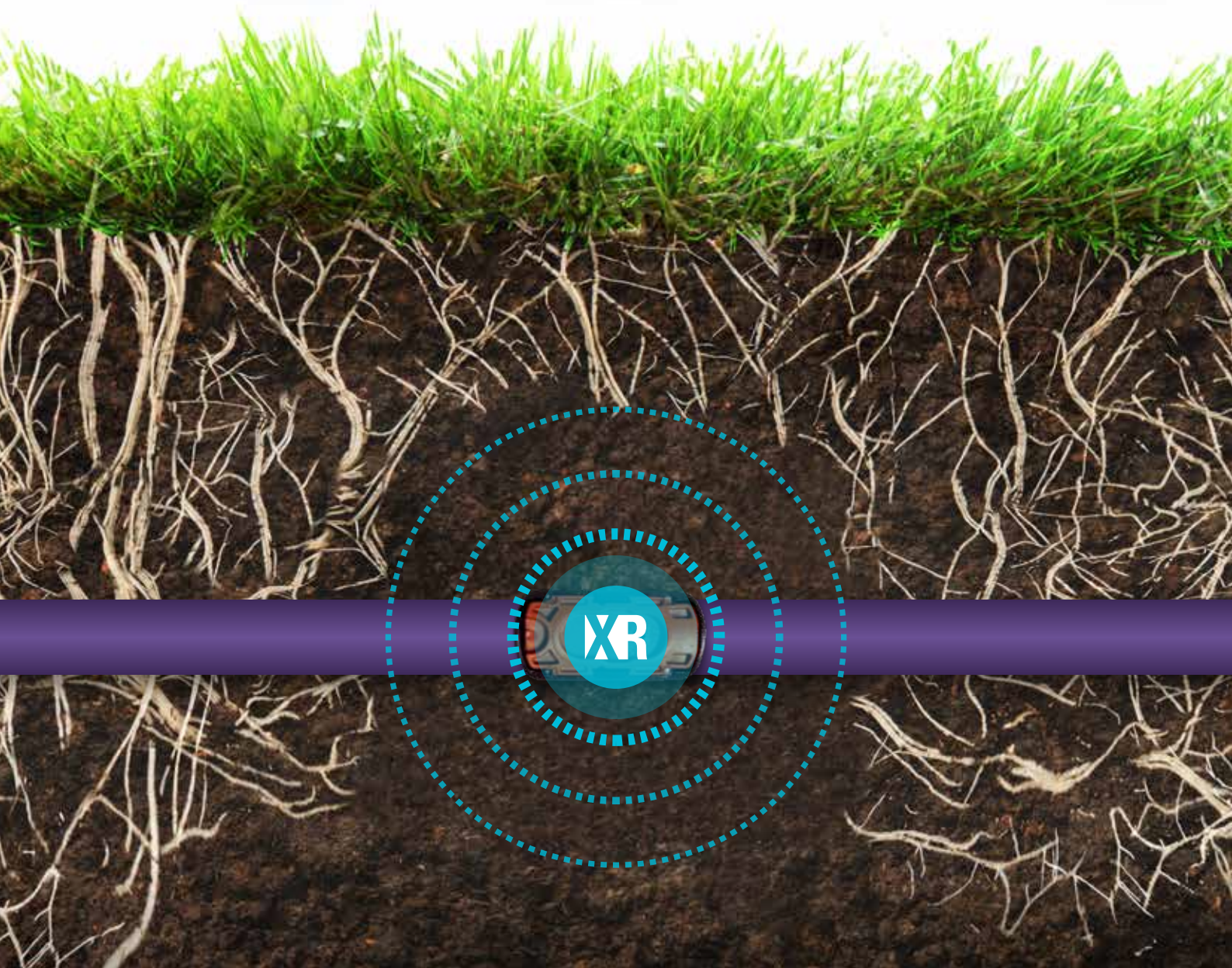


# TECHLINE AS XR PURPLE (BIONET AS XR)

CHEMICAL FREE MITIGATION  
AGAINST ROOT INTRUSION





# THE XR DIFFERENCE

## CHEMICAL FREE MITIGATION AGAINST ROOT INTRUSION

### TECHLINE AS XR PURPLE IS NETAFIM'S UNIQUE ADDITION TO OUR DRIPPERLINE RANGE AND ANOTHER NETAFIM WORLD FIRST WITH NON-DETERIORATING, CHEMICAL FREE MITIGATION AGAINST ROOT INTRUSION.

Netafim's Techline AS XR Purple 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 you need it most.

#### 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.
- Subsurface Drip Irrigation (SDI).

#### FEATURES & BENEFITS

- Copper Oxide impregnated diaphragm cover. Providing mitigation against root intrusion (**XR**) designed with a chemical free root intrusion barrier by incorporating Copper Oxide in the mould of the diaphragm cover adding mitigation against root intrusion.
- 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.
- Centrally mounted dripper with large inlet filter.
- Operating Pressure: 40 kPa – 300 kPa.
- Recommended filtration: 80 mesh (200 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.



# TECHLINE™ AS XR PURPLE (BIONET AS XR)



**HEAVY WALL DRIPPERLINE  
13MM PURPLE TUBE**

**PRESSURE COMPENSATED (PC), ANTI ROOT INTRUSION (XR), ANTI-SIPHON (AS)**



Suited to surface or sub-surface applications, for agriculture, greenhouse & nursery, landscape and wastewater applications, Ideal for high frequency irrigation in undulating terrain or for poor water quality conditions.

**PRESSURE COMPENSATED (PC)** Giving you precise and equal amounts of water delivered over a broad pressure range. 100% uniformity of water and nutrient distribution along the laterals.

**MITIGATION AGAINST ROOT INTRUSION (XR)** Designed with a chemical free root intrusion barrier by incorporating Copper Oxide in the mould of the diaphragm cover providing mitigation against root intrusion.

**ANTI-SIPHON MECHANISM (AS)** Prevents contaminants from being drawn into the dripper.

**TURBONET LABYRINTH** Assures wide water passages, large deep and wide cross section improves clogging resistance.

**CONTINUOUSLY SELF-FLUSHING** Flushing debris out of the dripperline as soon as it is detected, throughout operation, not just at the beginning or end of a cycle, ensuring uninterrupted dripper operation. Continuously self flushing makes dripperline highly resistant to clogging.

**PHYSICAL ROOT BARRIER** Better dripper design gives you protection against root intrusion.

Approved by the **SMART WATER MARK™**.

**EMITTER FILTER** The largest emitter filter in its class ensures the emitter will continue to work even with heavy loads of contaminants.

## DRIPPER DATA

FLOW RATE	PRESSURE RANGE	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH	FILTRATION AREA	CONSTANT	EXPONENT	RECOMMENDED FILTRATION
L/HR	BAR	MM	MM <sup>2</sup>	K	X	MICRON/MESH
1.6	0.4 - 3.0	0.76 x 0.73 x 8	42	1.6	0	200/80

## DRIPPERLINE DATA

FLOW RATE	DRIPPER SPACING	COIL LENGTH	DRIPPER NAME	PACKAGING	OUTSIDE DIAMETER	INSIDE DIAMETER	WALL THICKNESS
L/HR	M	M			MM	MM	MM
1.6	0.3	100 & 200	DripNet™ PC AS XR	Strapped	15.3	12.9	1.2
1.6	0.4	200	DripNet™ PC AS XR	Strapped	15.3	12.9	1.2
1.6	0.5	200	DripNet™ PC AS XR	Strapped	15.3	12.9	1.2

Other flow rates and emitter spacings available as Custom Made.  
See Order Information and contact your local Netafim representative.

## RUN LENGTHS

FLOW RATE	DRIPPER SPACING	INLET PRESSURE			
		5M	10M	15M	20M
L/HR	M				
1.6	0.3	73	90	100	110
1.6	0.4	93	115	130	143
1.6	0.5	100	130	150	170

Maximum run length (m) for single lateral on flat ground



# SMART SOLUTIONS FOR WATER RE-USE

## CHEMICAL FREE MITIGATION AGAINST ROOT INTRUSION

### TECHLINE™ AS XR PURPLE BIONET AS XR

Techline AS XR Purple is Netafim's unique addition to our dripperline range and another Netafim world -first with non-deteriorating, chemical free mitigation against 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 lawn and garden are getting the exact amount of water they need to thrive.

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

**GROW MORE WITH LESS®**

[WWW.NETAFIM.COM.AU](http://WWW.NETAFIM.COM.AU)



TECHLINE AS XR PURPLE (BIONET AS XR)  
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