



# RX Drainaway™

Effective drainage solutions



an *Aliaxis* company

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# RX Drainaway™



Whether you are storing, transporting or distributing water or wastewater RX Plastics has the solution for you, with manufacturing facilities New Zealand wide and selections of strong supporting brands RX Plastics can assist whatever your requirements.

## Features

- Made from High Density Polythene
- Corrugated for high crush resistance
- Flexible
- Drainage holes spaced around the pipe
- Available as :-  
slotted/unslotted – North Island  
punched/unpunched – South Island
- Easy identification:-  
punched/slotted comes with black coupler  
unpunched/unslotted comes with green coupler

## We've got what you need

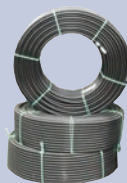
RX Plastics has a wide range of products to support your water and wastewater distribution.



### Tanks

RX has tanks from 135L – 675L (Header Tanks) and 500L – 33,000L (standard tanks).

**Polyethylene Pipe (Polypipe) and PVC Pipe** RX has a range from 15mm – 450mm to suit many requirements. Pipe is rated 5bar (72psi) – 25bar (375psi).

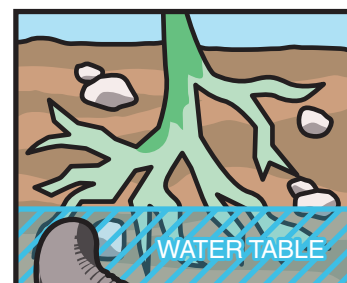
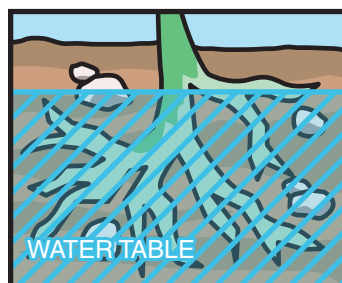


## Benefits of using Drainaway™

Eliminates wet and muddy patches around your farm, orchard, home, park, road and excavation sites.

By lowering the water table the soil will:

- Warm earlier in the growing season to ensure best seasonal growth (less water in the soil to heat – the sun will heat the soil more quickly)
- Be better aerated due to less soil pores being filled with water. Therefore generating better soil health
- Provide better root growing conditions and therefore better crop growth
- Provide firmer transportation conditions and be less bog prone



Drainaway™ pipe with free Drainaway™ coupler

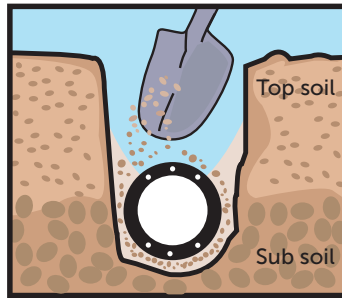
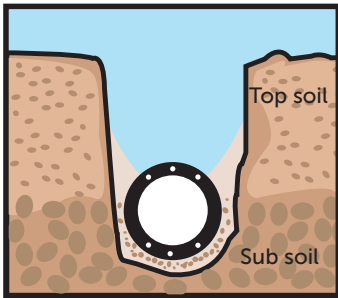
## Sizes available

Manufactured from high density polythene, Drainaway™ is available in a range of sizes to suit your needs:

- 65mm high density polythene pipe  
15m, 30m, 50m, 100m and 150m coils
- 100mm high density polythene pipe  
15m, 30m, 50m and 100m coils
- 160mm high density polythene pipe  
15m and 45m coils.

## Installation of Drainaway™

1. In the problem area, dig a trench two times the pipe outside diameter, 300 to 400mm deep. With a minimum fall of one in one hundred (1:100).
2. 13mm screening gravel should be placed on the bottom of the trench 80mm deep, then lay the Drainaway™ in place.
3. 13mm screening gravel should then be placed over the Drainaway™ to a depth of 100mm. Replace soil. Do not use clay as backfill.



## Freeway Drain

The black pipe with the red stripe.

RX Plastics manufactures a heavy duty Drainaway™ suitable for road drainage known as Freeway Drain.

Manufactured from high density polythene with perforated walls. A thicker wall than Drainaway™ to comply with the requirements for drain pipes in New Zealand, Freeway Drain provides higher crush resistance with less flexibility.

As this pipe complies with Transit F/2 it is clearly marked with a visible continuous red line.

Freeway Drain should be installed in accordance with Transit New Zealand specifications Transit F/2.

## Sizes available

Manufactured from high density polythene, Freeway drain is available in a range of sizes to suit your needs.



Freeway drain pipe

### DAFW65.030

Nominal bore 65mm coil size: 30m

### DAFW65.100

Nominal bore 65mm coil size: 100m

### DAFW110.030

Nominal bore 110mm coil size: 30m

### DAFW110.100

Nominal bore 110mm coil size: 100m

### DAFW160.015

Nominal bore 160mm coil size: 15m

### DAFW160.045

Nominal bore 160mm coil size: 45m

All Freeway Drain coils come complete with an RX Drainaway™ coupling.

## To Join Drainaway™

For the best connection simply use an RX Plastics Drainaway™ coupling or Y Junction. All coils come with a free Drainaway™ coupling.



Drainaway™ coupling  
RXDA65C, RXDA110C  
and RXDA160C



Y junction  
DA65Y



Y junction  
RXDA110Y and RXDA160Y



Y junction  
RXDA160X110Y



Reducing Y junction  
DA160X65Y

## RX Filter Sock

- Quick and easy to apply with a preloaded disposable applicator
- Constructed from a strong and seamless synthetic fabric
- Meets RTA specification standard 3553\*
- Available in roll form or preinstalled on RX Drainaway™
- Extends the service life of perforated drain systems by filtering out silt and sand.

## Features

- **Strength:** Strong seamless sleeve with high tear strength. Constructed with a special lock stitch to prevent unravelling and to discourage laddering
- **Lifespan:** After installation the RX filter sock has a life span equal to RX Drainaway™. The filter sock product does gradually deteriorate in strength if exposed to direct sunlight and should be packaged or covered if exposure is more than 3 months. Resistant to mildew and rotting
- **Lightweight:** Knitted from lightweight multifilament synthetic fibre and adds only minimal weight increase to plastic drainage systems.

## Benefits of an RX Filter sock

- To provide a filter for coarse silt/fine sandy particles which can enter an unprotected subsoil drain
- Creates a continuous surface of equal porosity around the exterior of a subsoil drain
- Permits free flow of water into the RX Drainaway™ corrugations

- Acts as a soil stabiliser to help support and maintain the surrounding soil and reduce the break down of that soil structure.

## Installation onto RX Drainaway™

- **Step 1:** Uncoil the drainage pipe as much as possible preferably alongside predug trench. Thread drainage pipe through centre of applicator and tie a temporary knot in filter sleeve to prevent it sliding back over the pipe end
- **Step 2:** Secure the end of pipe to anchor point (eg post, tree, vehicle etc.)
- **Step 3:** Holding the drainage pipe and applicator as level as possible ... slide applicator along length of pipe maintaining even tension on the filter sleeve as it is applied to ensure maximum yield.



## Sizes available – complete with Drainaway™

65mm, 110mm & 160mm coils. RX Filter Sock is available in 100m coil.

\* RTA NSW QA specification 3553 for seamless tubular filter fabric.



RX Filter Sock



For more information or to request a brochure on our other products and services, freephone 0800 288 558 or visit our website.

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**RX PLASTICS**

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