



**Bio Products
Group Ltd**

Make - Sustain - Recycle

bio hose



bio pipe™



bio hose



**Award-Winning Drainage Solutions For The Refrigeration
Industry**

WHAT IS BIOPIPE

ULTIMATELY ITS A DRAIN PIPE... BUT ITS NO ORDINARY DRAIN PIPE

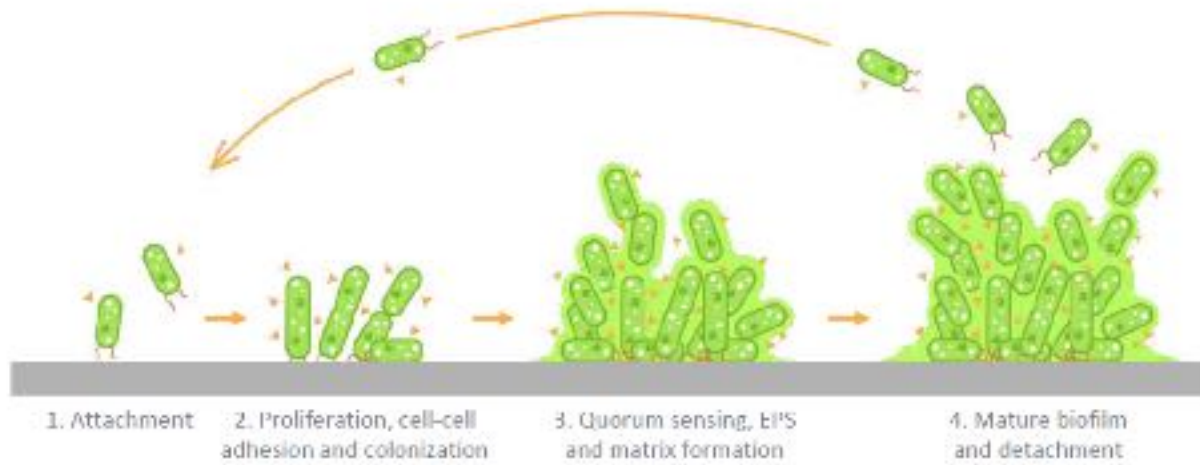
- **BioPipe** is a drainage system for refrigeration and A/C applications.
- **Proven** to Reduce Water Leaks by 97% or Higher
- **Payback less than 1 Year**, with Total Cost Of Ownership significantly less than a Standard Drainage System
- **Green Sustainable Procurement** supports the commitments of Corporate Social Responsibility and Environmental Policies.
- **Operational/Maintenance** Cost Savings of 88% can be sensibly realised and achieved.
- **94% Cheaper** than other Drain Blocking Solutions over a 10 Year Life Cycle.



HOW IT WORKS

INNOVATION NEVER SEEN BEFORE IN THIS TYPE OF APPLICATION

The Problem



Biocompatible Technology

We use the natural trace element ZINC, an essential mineral identified as an element of utmost biological importance. You will find it in your food, and you need it in your daily diet as it is vital for the human immune system.

100% Safe.

The technology does not contain toxic substances.

There are no biocides, no silver, no triclosan, no nano-materials or any other harmful chemicals.

No Leaching & Forever Lasting

An intrinsic/inert change in and on the surface of the material.

There is no substance migrating or leaching to act against bio-films.

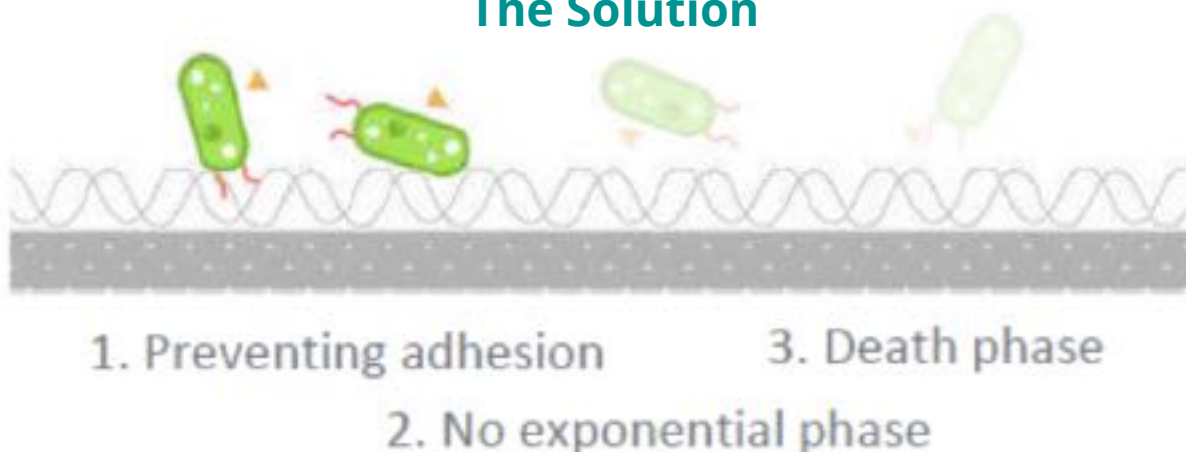
The functionality is purely due to the improved mechanical/physical property of the material surface.

That means it will never run out; it is simply always there. So it will never fade away or wear off.

Sustainable

Reusable and 100% Recyclable at the end of life.

The Solution



SUSTAINABLE INNOVATION



In August 2019 the BioPipe was selected by Woolworths Supermarkets and Frasers Properties in Australia to be part of the worlds most sustainable Shopping Centre.

The project achieved a 6 Star Green Star Design and As-Built rating and is on track to achieve Living Building Challenge (LBC) certification, making it the first net-zero carbon and energy positive retail development in Australia.

No other product on the market could achieve the specification for the Project.



bio pipe® ABS SOLVENT WELD SYSTEM (SST EN 1455-12000)

Product	Size	Code
3m BioPipe		
	32mm 1 Inch 1/4	BP01#
	40mm 1 Inch 1/2	BP02
	50mm 2 Inch	BP03#
Straight Connector		
	32mm 1 Inch 1/4	BP04#
	40mm 1 Inch 1/2	BP05
	50mm 2 Inch	BP06#
90° Elbow		
	32mm 1 Inch 1/4	BP07#
	40mm 1 Inch 1/2	BP08
	50mm 2 Inch	BP09#
L-Trap Male / Female Connection		
	40mm x 40mm 1 Inch 1/2	BP27

Product	Size	Code
87.5° Long Radius Elbow		
	32mm 1 Inch 1/4	BP10#
	40mm 1 Inch 1/2	BP11
	50mm 2 Inch	BP12#
45° Elbow		
	32mm 1 Inch 1/4	BP13#
	40mm 1 Inch 1/2	BP14
	50mm 2 Inch	BP15#
45° Tee		
	32mm 1 Inch 1/4	BP16
	40mm 1 Inch 1/2	BP17#
	50mm 2 Inch	BP18#
40mm Flexible Compression Hose		
	40mm Push Fit x 40mm Compress Fit	BP28

Product	Size	Code
87.5° Equal Tee		
	32mm 1 Inch 1/4	BP19#
	40mm 1 Inch 1/2	BP20
	50mm 2 Inch	BP21#
Reducer		
	40x32mm	BP23
P-Trap Compression (PP)		
	32mm 1 Inch 1/4	BP29#
	40mm 1 Inch 1/2	BP26

Other Sizes Available Upon Request and Subject to Minimum Order Quantities



rac

COOLING INDUSTRY AWARDS 2021

WINNER

bio hose



bio hose REINFORCED FLEXIBLE HOSE

Product	Size	Code
 BioHose	10mm	BH01
	12mm	BH02
	15mm	BH03
	20mm	BH04
	22mm	BH05
	25mm	BH06

Imperial Sizes Available

BioHose is a flexible reinforced hose, with inner PE liner containing the Sani Patented Technology proven to improve the physical characteristics of the surface, making it difficult for slimes created by the Refrigeration Systems to cause blockages. Its perfect for use with;

- Dairy Condensate Pumps
- Air Conditioning Drainage
- Cold Room Condensate Pumps
- Long Condensate Runs
- Peristaltic Pumps

Available in 30 m or 50 m Coils.

bio pad



bio pad Flexible LDPE Sheet

Product	Size	Code
BioPad		
V2.0	2.5m x 0.75m x 0.8mm	BioPad v2.0

BioPad is a flexible LDPE sheet manufactured using high grade LDPE and the Sani Patented Technology proven to improve the physical characteristics of the surface, making it difficult for dust, debris and slimes to attach. It's perfect for use inside cabinet drip trays and condensate pump trays.

We can cut and supply to any size from the dimensions stated and vacuum form the V2.0 Sheets into the shape/size of the condensate pump trays.

We use a high tack Water Proof PE Double Sided Tape to fix the BioPad into position. Surfaces must be clean and dry before application and it is recommended to silicone seal the edges to prevent water ingress underneath the pad.



**For more information visit
BioPipe.uk**

ABOUT US

THE BIO PRODUCTS GROUP

is a family-owned SME located in Warrington. Established in 2015, our mission is to become a leading product disrupter, by creating sustainable, recyclable, hygiene products for use in the Refrigeration Industry.

Our Motto is make - sustain - recycle. This means we carefully design and manufacture products that can stand the test of time and where possible be 100% recycled.

ROBERT STEWART - FOUNDER AND MANAGING DIRECTOR

A time served C&G NVQ Level 3 Modern Apprentice, RAC National Student of the Year 2007 Bronze Winner and Skill Fridge 2008 UK Finalist .

Experienced Service engineer, end-user with WM Morrison Supermarkets PLC and a consultant with Abbey Design Associates.

In 2015 Robert set to work creating the idea of a 'self cleaning' drainage system to reduce water leaks and maintenance issues associated with blocked drainage.

Completely self-funded, 3 years of extensive research, development, testing and countless nights installing trial sites of the BioPipe System, in 2018 we made our first sale and now we are the tried and trusted Drainage Product for some of the largest Supermarkets and Companies within the Industry.





**Bio Products
Group Ltd**

No Ordinary Drain Pipe



BioPipe.uk



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