



INFRAPIPE.CO.NZ

CULVERTS / FARMING / FORESTRY



✓ LIGHTER ✓ STRONGER ✓ LONGER

AND MADE IN NZ TO ISO STANDARDS

Using our INFRAPIPE™ Spiral wound extrusion technology, we can guarantee ECOPIPE™ is one of the strongest engineered culvert pipes on the market.

QUALITY ASSURED



ISO TYPE 5
AS/NZS 5065:2005
AMI:74961



ISO TYPE 5
AS/NZS 4130:2018
AMI:74999



APPLICATIONS

Forestry drainage



Dairy shed runoffs



Farm culverts

Stream diversion

- Access way culverts.
- Civil temporary works.
- Piping water races or creeks.
- Stop bank culverts.
- Flumes for surface water management.

EF.V3 | JULY24

WHY CHOOSE ECOPIPE™?

Beyond the obvious **environmental advantages**, there are multiple benefits to ECOPIPE™ that can help save time and money during the installation and over its lifetime:



Up to 3,200mm in diameter.



High chemical and abrasion resistance.



Low asset maintenance.



Uses recycled plastic.



100-year life expectancy.



ECOPIPE™ can be adapted in many ways to fit to existing concrete, PE or PVC culverts and even have flood gates attached if required.



Light and easy to handle – a DN1500 ECOPIPE™ pipe weighs 114kg/m vs a 1500 Class 4 concrete pipe which weighs 1,623kg/m.



We calculate the exact load requirement for your unique application, so you only pay for the pipe strength you need.



Smooth interior/bore to increase flow rates.



Socket (female) / Spigot (male) push fit connections to quickly connect to other pipes.



Pipe can be drilled/perforated for drainage and it does not affect its strength.



Pipes can be manufactured to length to save cost and wastage.



INSTALLATION GUIDELINES

It is important to install ECOPIPE™ properly as this will guarantee a long service life and ensure that there is no risk of structural damage.



Rubber Rings

The installation of these pipes is based on a granular backfill like gravel or sand that must be compacted as much as possible (to 95% MDD). This gives the pipe adequate side support to sustain the soil and vehicle loadings throughout the culvert's life.



Please contact INFRAPIPE™ (sales@infrapipe.co.nz) if you have any questions regarding the installation or supply of HDPE culvert pipes.



SCAN HERE

DELIVERY & INSTALLATION GUIDE

CLICK HERE

INFRAPIPE™ Rural/Forestry Culvert Pipes are designed and manufactured to produce **zero toxic** leaching.



WE ALSO MAKE



ECOPIPE™ DIMENSIONS & WEIGHT

All pipes 6000mm long - 5800mm when joined.

DIMENSIONS & WEIGHT					
SN4			SN8		
ID INSIDE DIAMETER	OD OUTSIDE DIAMETER	WEIGHT (KG)	ID INSIDE DIAMETER	OD OUTSIDE DIAMETER	WEIGHT (KG)
600 mm	676 mm	111 kg	600 mm	692 mm	133 kg
800 mm	896 mm	190 kg	800 mm	922 mm	239 kg
1000 mm	1122 mm	296 kg	1000 mm	1166 mm	369 kg
1200 mm	1328 mm	435 kg	1200 mm	1370 mm	498 kg
1350 mm	1520mm	498 kg	1350 mm	1550 mm	587 kg
1600 mm	1795mm	608 kg	1600 mm	1838 mm	794 kg
1800 mm	2034mm	693 kg	1800 mm	2046 mm	974 kg
2000 mm	2242mm	1029 kg	2000 mm	2342 mm	1376kg

NOTE

All SN8 product is made to order and the other sizes DN700, DN900, DN1100, DN1500 & DN2300 & DN3200 in SN4 are made to order.



ECOPIPE™ LOADING GUIDE

When choosing your ECOPIPE™ culvert pipes, it is important that the correct SN (stiffness) rating is allowed for. See below the SN Rating versus loads to help make the correct decision.

LOADINGS	SOIL COVER HEIGHTS		
	500 mm	1000 mm - 10,000 mm	20,000 mm
Tractor/Farm Loading	SN4	SN4	SN8
Light Vehicle Loading (0.85HN Loading)	SN4	SN4	SN8
HN-HO-72 Loading	SN16	SN4	SN8

ECOPIPE™ IS A NEW, ENVIRONMENTALLY FRIENDLY HDPE CULVERT PIPE MANUFACTURED LOCALLY IN NEW ZEALAND BY INFRAPIPE™.

ECOPIPE™ is manufactured using recycled materials such as Post-Consumer Recycled HDPE (shampoo bottles and plastic containers etc.), recycled HDPE milk bottles and reprocessed HDPE by-product from civil pipe manufacturing.

Our goal is to meet our Circular Economy objectives by ensuring the life-cycle of HDPE products in New Zealand are extended, instead of them going to waste.



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