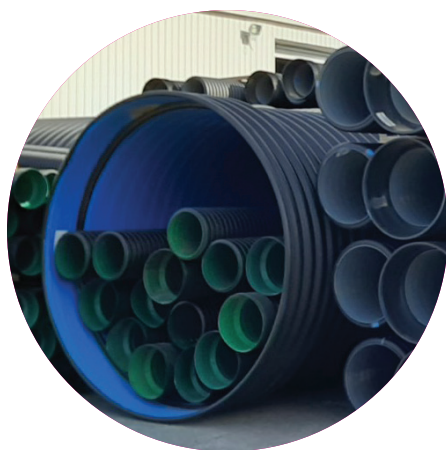


P&F GLOBAL RURAL

Partner with P&F Global, your rural drainage experts.



WHAT P&F GLOBAL CAN HELP WITH



Range

EUROFLO® culverts comes in a wide range of sizes from 110mm through to 2100mm. We also stock slotted drainage pipe in sizes from 110mm to 630mm.

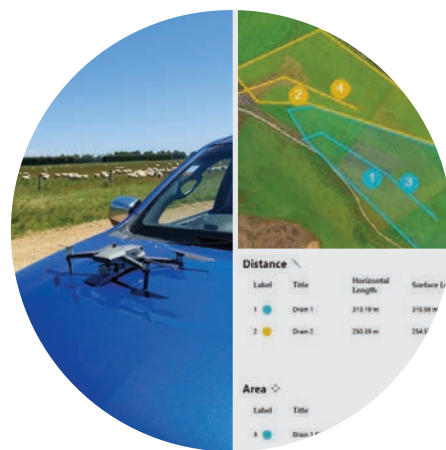
Choose from a wide range of fittings and accessories to make your next drainage project possible.



Stock

With a wide range of stock held in locations throughout New Zealand, P&F Global can get the stock where you need it, when you need it.

Kaitaia
Auckland
Napier
Christchurch
Invercargill



Expertise

We use our expertise to create personalised farm drainage plans through our free drone mapping service. Get better drainage in the right place with the right size culverts, all while considering environmental responsibilities around fish passage and stock management.

EUROFLO® PIPE

EUROFLO® RURAL SN4 PIPE

- 5.8 metre lengths overall including socket
- Rubber ring joint if needed – see page 7 for codes for the rubber rings
- 2.9M lengths available on request
- SN8 and SN16 range in sizes 250mm - 2100mm available for civil and/or heavy traffic installations i.e. milk tanker crossings



PRODUCT CODE	SIZE	SN RATING	CRATE QTY	INTERNAL DIAMETER (MM)	NOMINAL BORE (MM)	OUTSIDE DIAMETER (MM)
520-160-5.8M	160mm	SN8	33	134mm	150	160
520-200-5.8M	200mm	SN4	18	174mm	175	200
520-250-5.8M	250mm	SN4	11	214mm	225	250
520-315-5.8M	315mm	SN4	6	273mm	300	315
520-400-5.8M	400mm	SN4	3	343mm	375	400
520-500-5.8M	500mm	SN4	2	427mm	430	500
520-630-5.8M	630mm	SN4	1	533mm	525	630
520-800-5.8M	800mm	SN4	1	673mm	675	800
520-1000-5.8M	1000mm	SN4	1	849mm	850	1000
520-1200-5.8M	1200mm	SN4	1	1040mm	1050	1200

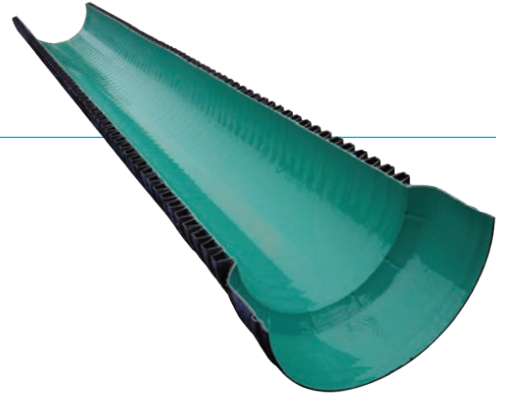


EUROFLO® rural pipe being installed on farm

EUROFLO® FLUMING (HALF PIPE)

- 5.8 metre lengths overall including socket
- Can be cut in half and used for feed troughs
- Leadtime for cutting pipe is 2 days for up to 10 lengths, 2-4 days for 10+ lengths

PRODUCT CODE	SIZE
520-200-FLUM	200mm
520-250-FLUM	250mm
520-315-FLUM	315mm
520-400-FLUM	400mm
520-500-FLUM	500mm
520-630-FLUM	630mm
520-800-FLUM	800mm
520-1000-FLUM	1000mm
520-1200-FLUM	1200mm



EUROFLO® fluming as seen on the St Bathans cycleway



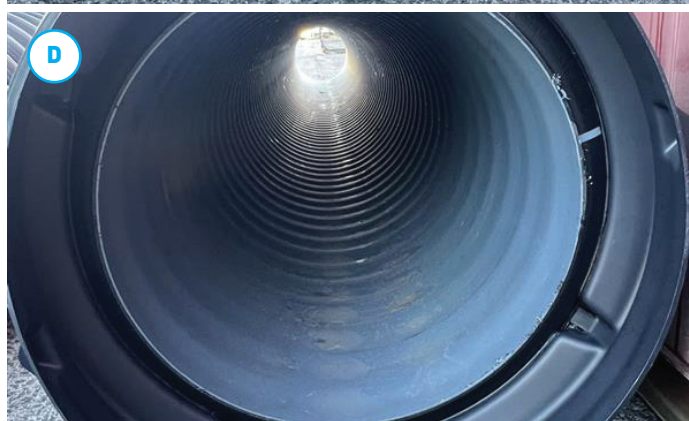
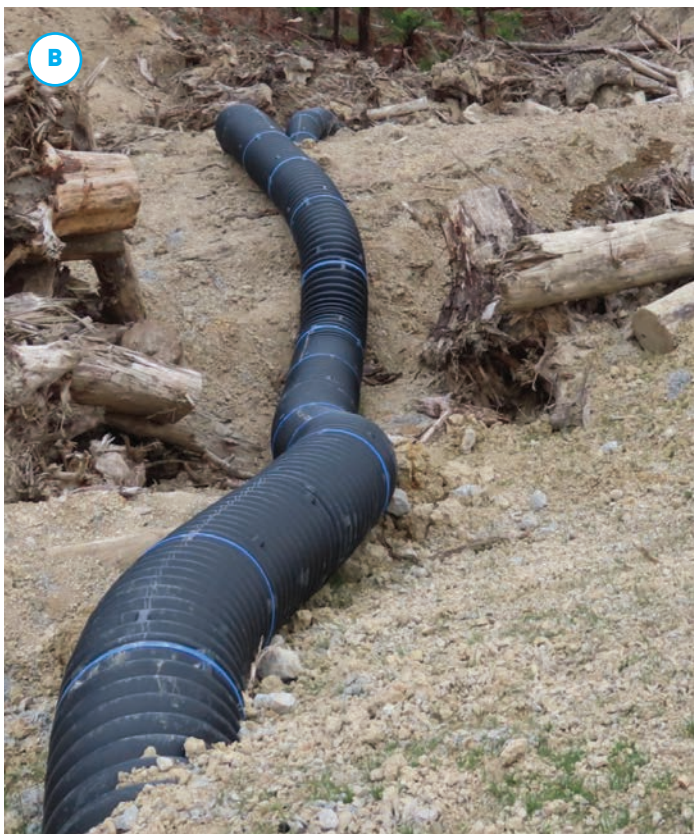
EUROFLO® fluming used for stormwater run-off in landscape design

EUROFLO® FLEXIPIPE

- 5.8 metre lengths overall including socket
- Single wall flexible culverts
- Bayonet connections for easy joining of flexipipe



PRODUCT CODE	SIZE	DESCRIPTION	INTERNAL DIAMETER (MM)	OUTSIDE DIAMETER (OD)
540-500-5.8M	500mm	500mm flexible pipe 5.8m length	400	500
540-500-5.8M-FLEXI	500mm	500mm EUROFLO® SN8 pipe 5.8m length with FLEXI 500mm connector	427	500
540-700-5.8M	700mm	700mm flexible pipe 5.8m length	600	700
540-630-5.8M-FLEXI	630mm	630mm EUROFLO® SN8 pipe 5.8m length with FLEXI 700mm connector	533	630



A: Standard 500mm SN8 EUROFLO® with Flexible connector (540-500-5.8M-FLEXI)

B: Full-length 500mm flexible pipe (540-500-5.8M)

C and D: Standard 630mm SN8 EUROFLO® with Flexible connector (540-630-5.8M-FLEXI)

EUROFLO® LARGE DIAMETER SN8 PIPE

- 5.8 metre lengths overall including socket
- Rubber ring joint if needed - see page 7 for codes for the rubber rings



PRODUCT CODE	SIZE	INTERNAL DIAMETER (MM)	NOMINAL BORE (MM)	OUTSIDE DIAMETER (MM)
560-1300-5.8M	1300mm	1200	1200	1300
560-1500-5.8M	1500mm	1400	1400	1500
560-1700-5.8M	1700mm	1600	1600	1700
560-1900-5.8M	1900mm	1800	1800	1900
560-2100-5.8M	2100mm	2000	2000	2100



EUROFLO® large diameter being installed on farm

EUROFLO® RUBBER RINGS

SN4 RUBBER RINGS



SIZE	CODE
160mm OD	520-160-RBR
200mm OD	520-200-RBR
250mm OD	520-250-RBR
315mm OD	520-315-RBR
400mm OD	520-400-RBR
500mm OD	520-500-RBR
630mm OD	520-630-RBR
800mm OD	520-800-RBR
1000mm OD	520-1000-RBR
1200mm OD	520-1200-RBR

SN8 RUBBER RINGS



SIZE	CODE
1300mm OD	560-1300-RBR
1500mm OD	560-1500-RBR
1700mm OD	560-1700-RBR
1900mm OD	560-1900-RBR
2100mm OD	560-2100-RBR

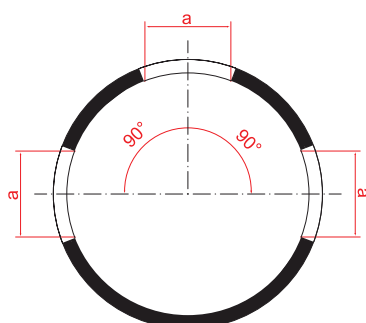


Onsite installation of rubber rings

EUROFLO® SLOTTED PIPE

- 5.8 metre lengths overall including socket
- Comes with socket on pipe as standard
- SN8 and SN16 pipes slotted to order

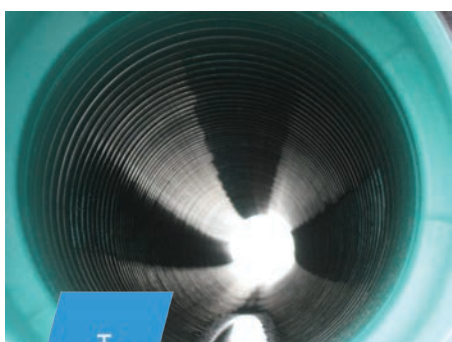
PRODUCT CODE	DESCRIPTION	CRATE QTY	NOMINAL BORE (MM)	OUTSIDE DIAMETER (MM)
590-110-5.8M	110mm Slotted Drainage Pipe	67	100	110
590-160-5.8M	160mm Slotted Drainage Pipe	33	150	160
590-200-5.8M	200mm Slotted Drainage Pipe	18	175	200
590-250-5.8M	250mm Slotted Drainage Pipe	11	225	250
590-315-5.8M	315mm Slotted Drainage Pipe	6	300	315
590-400-5.8M	400mm Slotted Drainage Pipe	3	375	400
590-500-5.8M	500mm Slotted Drainage Pipe	2	430	500
590-630-5.8M	630mm Slotted Drainage Pipe	1	525	630
590-800-5.8M	800mm Slotted Drainage Pipe	1	675	800
590-1000-5.8M	1000mm Slotted Drainage Pipe	1	850	1000
590-1200-5.8M	1200mm Slotted Drainage Pipe	1	1050	1200



Standard Pattern
3-5 slots depending on size
Total slotted angle = 240°

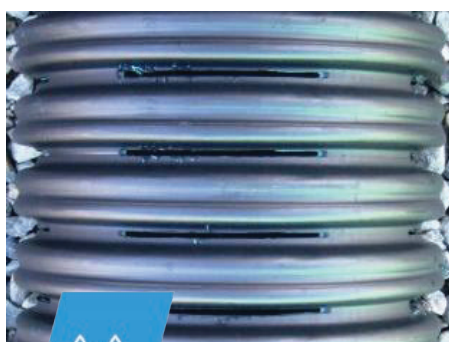


Slotted pipe being installed on farm



FASTER FLOW

The smooth-bottom design and long slots let water flow quickly, reducing the risk of blockages and improving drainage performance.



BETTER DRAINAGE

The self-cleaning long slots are less likely to clog with sediment, keeping your system running smoothly for longer.



STRONGER PERFORMANCE

Rigid lengths make it easier to lay straight drainage lines that perform consistently, even in challenging conditions.

DRONE MAPPING

Maximise your land production by installing EUROFLO® slotted pipe.

Our experts will create a custom drainage plan using comprehensive calculations from data collected by our free drone mapping service.



Distance

Label	Title	Horizontal Length	Surface Length	Slope	Vertical H
1	Drain 1	313.19 m	315.56 m	4.03°, 7.05%	22.12 m
2	Drain 2	250.39 m	254.52 m	3.89°, 6.81%	17.09 m

Area

Label	Title	Area	Surface Area
3	Drain 1 Catchment area	6.04 ha	6.17 ha



EUROFLO® FITTINGS

JOINERS/MANHOLE CONNECTORS



250mm – 500mm



630mm – 1200mm

SIZE	CODE	COMMENT
250mm	521-250	
315mm	521-315	
400mm	521-400	
500mm	521-500	
630mm	521-630	
800mm	521-800	
1000mm	521-1000	
1200mm	521-1200	Only fits the 1200mm SN8 pipe.

REDUCERS



SIZE	CODE	COMMENT
315mm x 250mm	521-315-250	
400mm x 250mm	521-400-250	
400mm x 315mm	521-400-315	
500mm x 400mm	521-500-400	

Note: Other sizes can be ordered in.

JUNCTIONS



SIZE	CODE	COMMENT
250mm x 45°	521-250-45J	
250mm x 90°	521-250-90J	
315mm x 45°	521-315-45J	
400mm x 45°	521-400-45J	Note: Other fittings can be made to order

SLIP COUPLERS



SIZE	CODE	COMMENT
250mm	521-250SLIP	Slip Couplers
315mm	521-315SLIP	
400mm	521-400SLIP	
500mm	521-500SLIP	
630mm	521-630SLIP	
800mm	521-800SLIP	
1000mm	521-1000SLIP	
1200mm	521-1200SLIP	

CAPS



SIZE	CODE	COMMENT
250mm	521-250CAP	
315mm	521-315CAP	
400mm	521-400CAP	
500mm	521-500CAP	
630mm	521-630CAP	
800mm	521-800CAP	
1000mm	521-1000CAP	
1200mm	521-1200CAP	

EUROFLO® FITTINGS (CONTINUED)

BENDS



SIZE	CODE	COMMENT
250mm x 30°	521-250-30	
250mm x 45°	521-250-45	
250mm x 90°	521-250-90	
315mm x 15°	571-315-15	M+F
315mm x 30°	571-315-30	M+F
315mm x 45°	521-315-45	
315mm x 90°	521-315-90	
400mm x 45°	521-400-45	
400mm x 90°	521-400-90	
500mm x 45°	521-500-45	
500mm x 90°	521-500-90	
630mm x 22°	571-630-22	M+F
630mm x 45°	521-630-45	
630mm x 90°	521-630-90	
800mm x 22°	571-800-22	M+F
800mm x 45°	571-800-45	M+F
800mm x 90°	571-800-90	M+F

Note: Other fittings can be made to order. All M+F bends are fabricated.

ACCESSORIES



Tyre Lever



Lubricant

SIZE	CODE	COMMENT
One size	521-TOOL-001	Tyre lever
500gm	OSLU 19210	Lubricant
2 litre	L2000	Lubricant

FABRICATED FITTINGS

We stock a range of standard fittings for EUROFLO® pipe. See what is available in our catalogue online at pandfglobal.com. We also manufacture fittings to order meaning you can choose from a wide range of EUROFLO® fittings to complete your pipeline.

Our fabricated fittings are made in New Zealand out of EUROFLO® pipe and conform to the same standard as the EUROFLO® pipe.

Fabricated fittings can be made in any size from 160mm to 1200mm. Larger fittings can be made to order.

Lead time on fittings is 10 working days.

Price on application.



500mm 22 degree bend



800mm 88 degree bend

INFORMATION REQUIRED TO FABRICATE YOUR FITTING:

- What is the fitting type? I.e. joiner, junction, bend etc.
- What is the EUROFLO® pipe size (OD)?
- What is the offtake pipe size?
- What is the degree angle?
- Where are sockets required on the fitting?
- Do you have any drawings?



800mm Z bend



1000mm wye junction with a 200mm 45 degree connection



1200mm pipe with a 630mm riser



EUROFLO® GO-IN SYSTEM

COMPONENTS:

1. Holesaw and arbor
2. Sealing ring
3. Sealing adaptor (needed to connect pipes of 160mm and 200mm OD)
4. Sealing adaptor rubber ring gasket (needed to connect smooth PVC or PE pipes of 160mm and 200mm OD)

BENEFITS:

- Branches can be simply installed after main pipe placement
- Extremely cost effective
- Can be installed vertically even when water is flowing
- Fast and user-friendly
- Adaptable for branches of either ribbed PE or smooth PVC

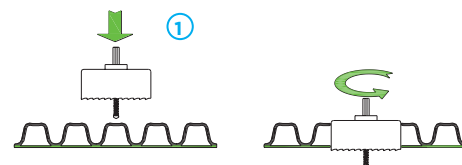
USES:

- Breather pipe connections
- Field drain connections to main drain
- Connections into sumps and galleries



INSTALLATION:

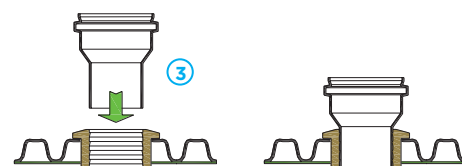
Drill through top centre of corrugation at right angles to pipe axis.



Insert sealing ring fully into hole.

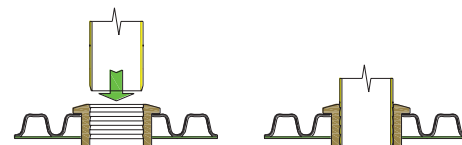


For branch pipes of 160mm and 200mm OD lube inside of sealing ring and insert the sealing adaptor.

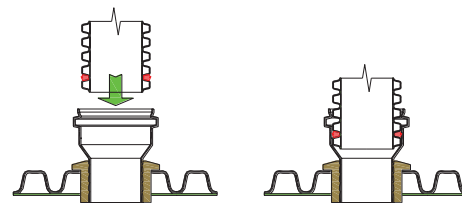


OR

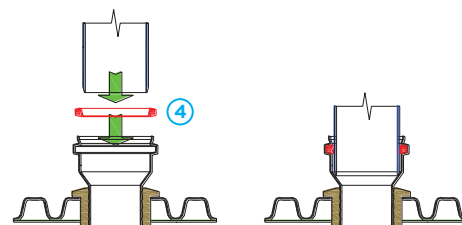
If branch pipe is 110mm OD a sealing adaptor is not needed. Insert branch pipe directly into sealing ring.



For a EUROFLO® branch pipe fit a rubber ring (as for a EUROFLO® pipe line watertight connection), and insert the pipe spigot, with the rubber ring installed, into the sealing adaptor.



For a smooth PVC branch, fit a rubber ring gasket into groove in the sealing adaptor, lubricate the tip of the rubber ring gasket and then insert the branch pipe.



DN OF BRANCH PIPE IN MM

MINIMUM SIZE OF EUROFLO® MAIN PIPE

110mm	315mm
160mm	400mm
200mm	500mm

250mm and 315mm available upon enquiry.

GO-IN SYSTEM FITTINGS

HOLESAW AND ARBOR



SIZE	CODE	COMMENT
110mm OD	521-2431-110	Holesaw Only
110mm	521-2432-11	Arbor for Holesaw
160mm OD	521-2431-160	Holesaw Only
200mm OD	521-2431-200	Holesaw Only
160/200mm	521-2432-16	Arbor for Holesaw

Note: The correct sized holesaw and arbor both need to be purchased
250mm and 315mm available upon enquiry

SEALING RINGS



SIZE	CODE	COMMENT
110mm OD	521-2439-110	Fits DWV or stormwater pipe inside rubber
160mm OD	521-2439-160	Requires sealing adaptor 521-2430-160
200mm OD	521-2439-200	Requires sealing adaptor 521-2430-200

SEALING ADAPTORS



SIZE	CODE	COMMENT
160mm OD	521-2430-160	For use with sealing ring 521-2439-160
200mm OD	521-2430-200	For use with sealing ring 521-2439-200

SEALING ADAPTOR RUBBER RING GASKETS



SIZE	CODE	COMMENT
160mm	521-1301-160	For use when connecting PVC pipe into sealing adaptors
200mm	521-1301-200	

GATEWAY PVC PIPE

- All sizes (except 400mm) come in 5-metre lengths including socket
- 400mm is not socketed and comes in 6-metre lengths



PRODUCT CODE	SIZE	SN RATING	CRATE QTY	NOMINAL BORE (MM)	OUTSIDE DIAMETER (MM)
550-110-5M	110mm	SN2	67	100	110
550-160-5M	160mm	SN2	33	150	160
550-200-5M	200mm	SN2	18	175	200
550-250-5M	250mm	SN2	11	225	250
550-315-5M	315mm	SN2	6	300	315
550-400-6M	400mm	SN2	3	375	400



GATEWAY FITTINGS

BEND



SIZE	CODE	COMMENT
110mm x 45°	501-110-45	
110mm x 88°	501-110-88	
160mm x 45°	501-160-45	
160mm x 88°	501-160-88	
200mm x 45°	501-200-45	
200mm x 88°	501-200-88	
250mm x 45°	501-250-45	
250mm x 88°	501-250-88	
315mm x 45°	501-315-45	
315mm x 88°	501-315-88	
400mm x 45°	501-400-45	
400mm x 88°	501-400-88	

JUNCTION



SIZE	CODE	COMMENT
110mm x 45°	504-110-45	F+F Junction
110mm x 88°	504-110-88	F+F Junction
160mm x 110mm x 45°	504-160-110-45	F+F Reducing Junction
160mm x 110mm x 88°	504-160-110-88	F+F Reducing Junction
160mm x 45°	504-160-45	F+F Junction
160mm x 88°	504-160-88	F+F Square Junction
200mm x 110mm x 45°	504-200-110-45	F+F Reducing Junction
200mm x 160mm x 45°	504-200-160-45	F+F Reducing Junction
200mm x 45°	504-200-45	F+F Junction
250mm x 110mm x 45°	504-250-110-45	F+F Reducing Junction
250mm x 110mm x 88°	504-250-110-88	F+F Reducing Junction
250mm x 160mm x 45°	504-250-160-45	F+F Reducing Junction
250mm x 160mm x 88°	504-250-160-88	F+F Reducing Junction
250mm x 45°	504-250-45	F+F Junction
250mm x 88°	504-250-88	F+F Junction
315mm x 160mm x 45°	504-315-160-45	F+F Reducing Junction
315mm x 88°	504-315-88	F+F Junction
315mm x 250mm x 45°	504-315-250-45	F+F Reducing Junction

JOINER



SIZE	CODE	COMMENT
110mm	510-110	
160mm	510-160	
200mm	510-200	
250mm	510-250	
315mm	510-315	
400mm	510-400	

INVERT



SIZE	CODE	COMMENT
160mm x 110mm	523-160-110	M+F Level Invert
200mm x 110mm	523-200-110	F+F Level Invert
200mm x 160mm	523-200-160	F+F Level Invert
250mm x 160mm	523-250-160	F+F Level Invert
250mm x 200mm	523-250-200	F+F Level Invert
315mm x 160mm	523-315-160	M+F Level Invert
315mm x 200mm	523-315-200	F+F Level Invert
315mm x 250mm	523-315-250	F+F Level Invert

CAP AND BASE



SIZE	CODE	COMMENT
200mm	536-200	
250mm	536-250	
315mm	536-315	

GLUE CAP



SIZE	CODE	COMMENT
110mm	537-110	
160mm	537-160	
200mm	537-200	
250mm	537-250	
315mm	537-315	
400mm	537-400	

FLAP VALVE



SIZE	CODE	COMMENT
110mm	558-110	
160mm	558-160	
200mm	558-200	
250mm	558-250	
315mm	558-315	

DRAINCOIL FITTINGS

- Works with all common draincoil brands

PLAIN JUNCTIONS



SIZE	CODE	BOX QUANTITY	COMMENT
65mm x 45°	D04-65-45	16	Junction
65mm x 85°	D04-65-88		Junction
110mm x 45°	D04-110-45		Junction
110mm x 88°	D04-110-88		Junction
160mm x 110mm x 45°	D04-160-110-45	8	Reducing Junction
160mm x 110mm x 88°	D04-160-110-88		Reducing Junction
160mm x 45°	D04-160-45	8	Junction
160mm x 88°	D04-160-88		Square Junction

DOUBLE JUNCTIONS



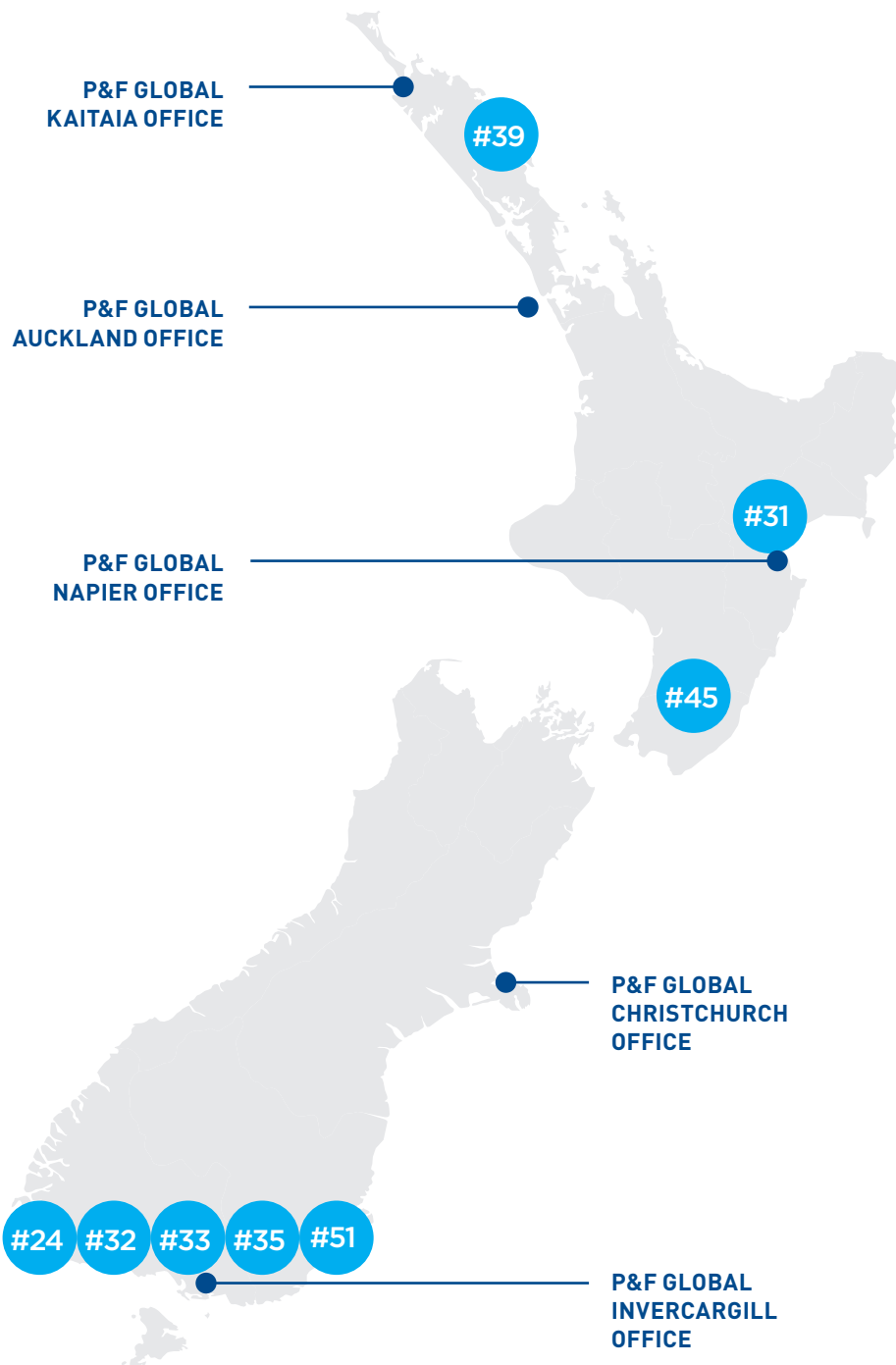
SIZE	CODE	COMMENT
110mm x 88°	D06-110-88	Double Junction
160mm x 100mm x 45°	D06-160-110-45	Double Reducing Junction
160mm x 88°	D06-160-88	Double Junction

PLAIN COUPLING



SIZE	CODE	COMMENT
65mm	D10-65	Coupling
110mm	D10-110	Coupling
160mm	D10-160	Coupling

EUROFLO® RURAL CASE STUDIES



EUROFLO® Rescues Milk Delivery

TYPE: Stock crossings

PROJECT: Tanker track bridge repair

WHAT PRODUCT: EUROFLO® 1950mm Culvert Pipe

WHO: Waihape Excavating and Drainage



EUROFLO® Simplifies Culvert Replacement In Stream For South Otago Farmer

TYPE: Culvert Replacement

PROJECT: Replacing old steel culvert in stream to manage flows and flooding

WHAT PRODUCT: EUROFLO® 1950mm culvert pipe

WHO: Toko Mouth farmer Simon Davies, South Otago



EUROFLO® Go-In System Provides Easy Drainage Solution For Commercial Dairy Farm Shed

TYPE: Rainwater drainage

PROJECT: Rainwater drainage for loafing barn

WHAT PRODUCT: EUROFLO® Go-In System

WHO: Tukituki Dairy Goats commercial farm



EUROFLO® slotted pipe saves time and delivers better farm drainage

TYPE: Culvert Replacement

PROJECT: Drainage solution to replace earthenware pipes

WHAT PRODUCT: EUROFLO® 315mm slotted drainage pipe

WHO: Southland farmer Murray Ballantine



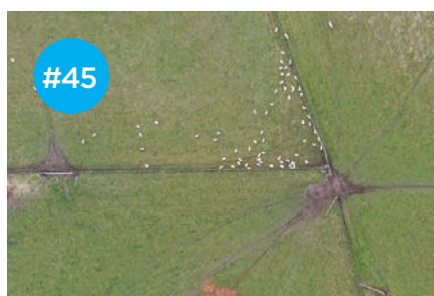
EUROFLO® crossings create access and efficiency on farm

TYPE: Stock Crossings

PROJECT: Installation of stock crossings

WHAT PRODUCT: EUROFLO® large bore culvert pipe

WHO: Dairy farmer Hamish Robinson



Drone Service Delivers Smart Future-Proofed Drainage Plan

TYPE: Drone

PROJECT: Drone service and farm drainage plan

WHAT PRODUCT: EUROFLO® Go-In System + 200mm, 250mm slotted pipe

WHO: Rayner's Gladstone farm



Gateway pipe the first choice for family-owned Southland company

TYPE: Farm Drainage

PROJECT: Southland company Superior Farm Maintenance

WHAT PRODUCT: Gateway PVC culvert pipe

WHO: Superior Farm Maintenance



EUROFLO® helps Northland nursery project flow smoothly

TYPE: Subsurface drainage system

PROJECT: Kauri Park Nurseries

WHAT PRODUCT: EUROFLO® Pipe 630mm 800mm

WHO: Kauri Park Nurseries, Reyburn & Bryant, and Clements Contractors

To view technical documents
please visit **www.pandfglobal.com**