

### Horizontal Directional Drilling



PM 105 Christchurch



Tauranga Sewer transmission main



Pukekohe/Patumahoe transmission main

### Slip Lining



Nairn Street, Wellington



### Pipe Bursting

Trentham Army Camp



### Above Ground Installation

Gisborne wastewater rising main

### Open Cut Installation



Aokautere falling water main



Papamoa trunk water main



Waitara to New Plymouth wastewater rising main

**Important Disclaimer:** The information, opinions, advice and recommendations contained in this publication are put forward with the main objective of providing a better understanding of technical matters associated with pipeline design using Iplex Pipelines. Whilst all reasonable care has been made in ensuring that the information contained in this publication is accurate, this publication should not be used as the only source of information by the reader. Reference should also be made to established textbooks and other published material, and readers should not rely on the information contained in this publication without taking appropriate professional advice for their particular circumstances. Pipes and fittings have been shown as typical configurations, however, in some cases product dimensions may vary or be changed without notice. In all instances, the reader should contact Iplex Pipelines for clarification that the specific product is appropriate for their circumstances.

**Poliplex**<sup>®</sup>  
POLYETHYLENE PIPE

**iPLEX**  
Pipelines



[iplex.co.nz](http://iplex.co.nz)

Version 1

Iplex Pipelines NZ Limited

Call 0800 800 262 or Fax 0800 800 804

Auckland: Private Bag 92 114, 810 Great South Road, Penrose  
Palmerston North: Private Bag 11019, 67 Malden Street  
Christchurch: PO Box 16225, 22 Braeburn Drive, Sockburn

© 2017 IPLEX PIPELINES (NZ) LIMITED. NEXUS™, IPLEX™, RESTRAIN™, APOLLO™, NOVAFLO™, FARMTUFF™, NOVAKEY™, NOVAFUSE™, POLIGAS™, RHINO™, REDLINE™, POLYDRAIN™, SUPERSTORM™ are registered trademarks of IPLEX PIPELINES (NZ) LIMITED.

**Large  
Diameter  
PE Pipes.**

**Poliplex® is a versatile polyethylene pipe available in a wide range of sizes from DN20 to DN2000.**

**It is suitable for a wide range of applications, including transmission, distribution and reticulation mains for water, pressure sewer, submarine pipelines, mining and irrigation applications.**



**Poliplex®**  
POLYETHYLENE PIPE

**Iplex New Zealand provides large diameter PE pipes from DN710 - DN2000.**

Poliplex is versatile, strong and proven with a potential asset design life of at least 100 years.

Iplex New Zealand are now manufacturing large diameter Poliplex PE pipes ranging from DN710 to DN1200 right out of our Palmerston North manufacturing plant.

**Features & benefits:**

Poliplex is durable, tough and flexible. Black coloured Poliplex also possesses UV stability for above ground applications.

It has low celerity to minimise water hammer, is suitable for deeply buried pipelines and has excellent abrasion resistance.

Poliplex pipe may be joined using industry standard butt fusion or electro fusion jointing methods.

Poliplex pipes are independently certified in accordance with the test requirements of AS/NZS 4130 - standards mark license number SMK20400.

**Large Diameter Poliplex PE Range:**

PN FOR PE 100	4	6.3	8	10	12.5	16
DN						
710	✓	✓	✓	✓	✓	✓
800	✓	✓	✓	✓	✓	✓
900	✓	✓	✓	✓	✓	✓
1000	✓	✓	✓	✓	✓	✓
1200	✓	✓	✓	✓	✓	-
1400	✓	✓	✓	✓	-	-
1600	✓	✓	✓	✓	-	-
1800	✓	✓	✓	-	-	-
2000	✓	✓	✓	-	-	-

Note: Each diameter is available in a range of PN classes and minimum order quantities apply to all sizes. Please contact Iplex Pipelines New Zealand to discuss availability.

✓ : Available in this size and PN Class  
 - : Not available in this size and PN Class  
 ■ : Now locally manufactured



**Applications:**

- Pressure water transmission and distribution mains for cities and towns.
- Submarine pipelines for transmission and ocean outfalls.
- Rural water infrastructure and irrigation transmission and distribution mains.
- Pressure sewer rising mains.
- Estuary and river crossings.
- Above ground temporary and unrestrained pipelines.
- Above ground fixed (restrained) pipe system.
- Pipeline renovation liners.
- Mine tailings disposal.
- Trenchless (No-Dig) installations.

**iPLEX**  
Pipelines