

blackline PN 16

16 BAR - PE 100 PRESSURE PIPE

Code Explanation

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Product Code	Pressure Class	Blue Tri Stripe
3500.50PN16.100BTS		
OD (mm)	Coil Length (metres)	



3500 BMS Series

Compliance

Iplex BLACKLINE is a metric OD dimension, PE 100 polyethylene pressure pipe, manufactured in New Zealand, in accordance with AS / NZS 4130, using a Quality Management System accredited to AS/ISO 9001

Features

- BLACKLINE is rated to nominal 16 Bar in 25mm to 110mm OD diameters.
- BLACKLINE is suitable for use with in-line, bloat treatment dispensing systems.
- BLACKLINE is safe for use with potable water
- BLACKLINE is available in different coil lengths to suit a range of applications.

Applications

- Rural Stock Water Supply
- Water distribution for town, rural and irrigation projects
- Rider mains for urban water supply
- Household water connections from the main supply
- Compressed air lines (subject to pipe rating for pressure and temperature, in accordance with PIPA POP 002

Fittings and Connections:

- Iplex recommends the use of PLASSON Line 7 or PLASSON Series 1 mechanical fittings, complying to AS / NZS 4129
- Iplex BLACKLINE may be connected to other types of pressure pipes with various OD sizes, such as HDPE, PVC or GWI systems, using PLASSON Universal Couplings (code 2512 / 3512 / 3511), or threaded fittings
- Iplex BLACKLINE may be joined with electrofusion fittings, complying with AS / NZS 4129, in accordance with PIPA POP 001

Plasson "Line 7", 2500 Series Mechanical Compression Fittings

PLASSON Line7 fittings are an internationally recognised 16 Bar rated compression fittings range, intended for use with Iplex Metric OD PE pipes, including GREENLINE, REDLINE™, RURAL BLACK and BLACKLINE PN16 pipe.

90° Elbow



Coupling



Female Threaded Adaptor



Universal Coupling



Plasson "Series 1", 3500 Series Mechanical Compression Fittings

PLASSON Series 1 fittings are designed for push insertion assembly, 16 Bar rated, and intended for use with Iplex Metric OD PE pipes, including GREENLINE, REDLINE™, RURAL BLACK and BLACKLINE PN16 pipe.

90° Elbow



Coupling



Female Threaded Adaptor



Universal Slip Repair Coupling



Design and Installation:

Iplex BLACKLINE should be installed in accordance with

- AS / NZS 2033 Installation of Polyethylene pipe systems,
- Iplex Pipelines Guideline "How I Install PE Pipes" - available on line from the Resources section of the Iplex NZ Website

Blackline Product Range

Product Code	Nominal OD (mm)	Pressure Rating Bar	Coil Length (m)
3500.25PN16.25BTS	25	16	25
3500.25PN16.50BTS	25	16	50
3500.25PN16.100BTS	25	16	100
3500.32PN16.25BTS	32	16	25
3500.32PN16.50BTS	32	16	50
3500.32PN16.100BTS	32	16	100
3500.40PN16.25BTS	40	16	25
3500.40PN16.50BTS	40	16	50
3500.40PN16.100BTS	40	16	100
3500.50PN16.25BTS	50	16	25
3500.50PN16.50BTS	50	16	50
3500.50PN16.100BTS	50	16	100
3500.63PN16.25BTS	63	16	25
3500.63PN16.50BTS	63	16	50
3500.63PN16.100BTS	63	16	100
3500.75PN16.50BMS	75	16	50
3500.75PN16.100BMS	75	16	100
3500.90PN16.50BMS	90	16	50
3500.90PN16.100BMS	90	16	100
3500.110PN16.50BMS	110	16	50
3500.110PN16.100BMS	110	16	100

Mole Plough Installation:

Blackline pipes may be installed by the mole-plough method providing that the mole-plough is specifically designed and maintained for this application and will not subject the pipe to stretching, scoring or any other damage during installation.



Mole Plough installation of Iplex Blackline pipes.

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Iplex Pipelines NZ Limited
Call 0800 800 262 or Fax 0800 800 804