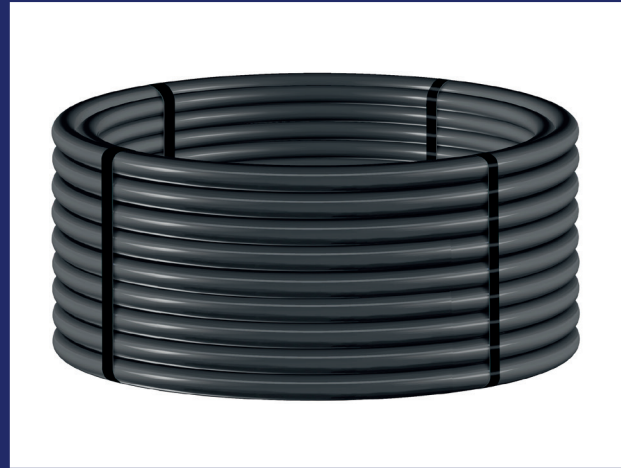


blackline^{HP}

HPPE PRESSURE PIPE

340 Series

The BLACKLINE HP system is a range of high pressure polyethylene pipe and ductile iron fittings designed to offer a flexible and affordable pipeline solution for water reticulation pipes operating up to 20 and 25-bar. BLACKLINE HP is manufactured from tough and durable High Performance Polyethylene (HPPE), in metric OD diameters 63mm, 90mm and 110mm and coil lengths 50-metre and 100-metre.



Features and Benefits

Economical and Efficient

BLACKLINE HP is manufactured from flexible High Performance Polyethylene (PE100), making it cheaper and easier to install than rigid pipes that require costly fittings and thrust blocks for changes in pipeline direction.

Supplied in 50-metre and 100-metre coils, BLACKLINE HP pipe reduces the amount of expensive and time consuming joints required.

Easier Installation

Blackline HP fittings provide farmers with an option other than traditional metal pipes joined together in lengths by threaded couplings or having to butt weld PE pipe in remote areas.

Bloat Treatments

BLACKLINE HP is suitable for use with in-line bloat dispensing systems.

Long Service Life

High Performance Polyethylene is a tough pipe material designed to provide a long service life.

Fittings Adaptability

BLACKLINE HP mechanical fittings are easy to use and readily adaptable to either flanged or threaded joints, for quick coupling to other types of pipes, pumps and valves.

High Quality

BLACKLINE HP pipe is manufactured and tested to AS/NZS 4130: "PE Pipes for Pressure Applications"

BLACKLINE HP D.I. fittings conform to the ASTM and AWWA standards - BLACKLINE HP fittings are manufactured in a production facility certified to ISO 9001.





BLACKLINE HP fittings

Blackline HP Fittings are a family of mechanical Ductile Iron (D.I.) fittings. They have a series of sharp machined teeth, specifically designed to positively grip HPPE pipe, while the C-shaped gasket forms a water seal. The "shouldered" BLACKLINE HP Transition Coupling used in conjunction with a BLACKLINE HP Universal Flange Adapter or Stainless Steel Threaded Adapter, make this system easy to connect to other types of pipes, valves and pumps.

Product Range

Product Code	Nominal Size (mm)	Pressure Rating Bar	Coil Length (m)
3500.63PN20.50B	63	20	50
3500.63PN20.100B	63	20	100
3500.90PN20.50B	90	20	50
3500.90PN20.100B	90	20	100
3500.110PN20.50B	110	20	50
3500.110PN20.100B	110	20	100
3500.63PN25.50B	63	25	50
3500.63PN25.100B	63	25	100
3500.90PN25.50B	90	25	50
3500.90PN25.100B	90	25	100
3500.110PN25.50B	110	25	50
3500.110PN25.100B	110	25	100

Specifications - Fittings

	Product Code	Description	Pipe OD (mm)		
	DIC63PE	Ductile Iron Coupling 63mm PN25	63		
	DIC90PE	Ductile Iron Coupling 90mm PN25	90		
	DIC110PE	Ductile Iron Coupling 110mm PN25	110		
	Product Code	Description	Pipe OD (mm)		
	DITC63PE	Ductile Iron Coupling 63mm PN25	63		
	DITC90PE	Ductile Iron Coupling 90mm PN25	90		
	DITC110PE	Ductile Iron Coupling 110mm PN25	110		
	Product Code	Description	Pipe OD (mm) x BSP "		
	SSMTA50	Stainless Steel Male Threaded Adapter 50mm BSP PN25	63 x 2"		
	SSMTA80	Stainless Steel Male Threaded Adapter 80mm BSP PN25	90 x 3"		
	SSMTA100	Stainless Steel Male Threaded Adapter 110mm BSP PN25	110 x 4"		
	Product Code	Description	Pipe OD (mm)	PCD (mm)	Hole Number
	DIUFA50	Ductile Iron Universal Flange Adapter 50mm PN25	63	120 - 125	4
	DIUFA80	Ductile Iron Universal Flange Adapter 80mm PN25	90	150 - 160	8
	DIUFA100	Ductile Iron Universal Flange Adapter 100mm PN25	110	175 - 191	8

Fittings Assembly Instructions

BLACKLINE HP Ductile Iron fittings are designed to provide a fast and easy way to mechanically join High Performance Polyethylene (HPPE) pipe, up pressure rating PN25 (25-bar). Note: BLACKLINE HP fittings are not intended for use on other types of pipe.



1. Marking:

Use a pen and tape measure to place marks 25mm from the end of each pipe.



2. Gasket Mounting:

Using a silicone based lubricant; slip the gasket over the pipe ends and center the gasket between the marks. Ensure the pipe ends are butted together.



3. Fitting Assembly:

Place the housing over the gasket and insert bolts. Then tighten the nuts by hand.



4. Tightening Nuts:

Using an appropriate tool, tighten the nuts sequentially until the fittings' housing bolt pads meet, metal to metal.