

Protecta-Line PN16 PE100 Barrier Pipe System

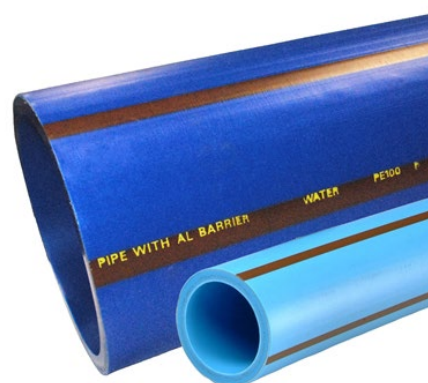
PN16 PE100 blue pipe with brown stripes for drinking water applications in contaminated land

Series 1 pipes have ISO compatible outside diameter DN63 to DN630 manufactured to BS 8588

Protecta-Line PE100 pressure system up to 630mm diameter provides a high performance, lightweight drinking water system in brownfield sites.

PART OF THE PE PRESSURE SYSTEMS RANGE

- Manufactured in the UK by GPS PE Pipe Systems
- Pressure rating PN16
- Available in straight lengths (6m and 11.8m)
- Prevents the tainting that can be caused by through-wall permeation by hydrocarbons and related chemicals present in contaminated land
- Proven protection against all recognised brownfield contaminants, both organic and inorganic, even in their maximum reported concentrations
- Suitable for corrosive conditions
- Fully integrated range of pipe and approved dedicated fittings



Applications

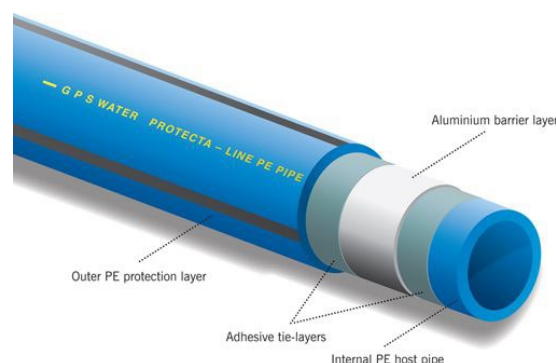
- Potable water in contaminated land
- Corrosive conditions and soil types
- Areas at risk of hydrocarbon permeation

SDR	17	11
PN	10	16

Technical Data

Size Range	DN63 – DN630
Manufacturing Standard	BS 8588:2017
License Number	KM 695717 (BSI)
Quality Management System	ISO 9001
Certificate Number	FM 34819 (BSI)

ITEM	DESCRIPTION
Internal pipe material	PE100
Barrier layer	Aluminium
Outer protective layer	PE100
Colour	Blue with Brown stripes
Joint type	Varies



Dimensions

Nominal Size DN	Outside Diameter		PN16	
	De min (mm)	De max (mm)	Tmean (mm)	ID (mm)
63	63.0	63.6	5.8	51
90	90.0	90.9	8.2	73
110	110.0	111.0	10.0	89
125	125.0	126.2	11.4	101
160	160.0	161.5	14.6	130
180	180.0	181.7	16.4	145
225	225.0	227.1	20.5	183
250	250.0	252.3	22.7	203
280	280.0	282.6	25.4	228
315	315.0	317.9	28.6	256
355	355.0	358.2	32.2	289
400	400.0	403.6	36.3	326
450	450.0	454.1	40.9	366
500	500.0	504.5	45.4	407
560	560.0	565.0	50.8	455
630	630.0	635.7	57.2	512

Product Range

Vinidex Code	Nominal Size DN (mm)	SDR	PN	Material	Colour/Configuration	Length (m)	Approx. Weight (kg/length)
94519	63	SDR11	16	PE100	Blue / Brown Stripe	6m	7.8
94520	90	SDR11	16	PE100	Blue / Brown Stripe	6m	16
94521	110	SDR11	16	PE100	Blue / Brown Stripe	6m	22
94522	125	SDR11	16	PE100	Blue / Brown Stripe	6m	28
94523	160	SDR11	16	PE100	Blue / Brown Stripe	6m	46
94518	180	SDR11	16	PE100	Blue / Brown Stripe	6m	57
94524	225	SDR11	16	PE100	Blue / Brown Stripe	6m	87
94525	250	SDR11	16	PE100	Blue / Brown Stripe	6m	106
94526	280	SDR11	16	PE100	Blue / Brown Stripe	6m	132
94527	315	SDR11	16	PE100	Blue / Brown Stripe	6m	166
94528	355	SDR11	16	PE100	Blue / Brown Stripe	6m	209
94529	400	SDR11	16	PE100	Blue / Brown Stripe	6m	263
94530	450	SDR11	16	PE100	Blue / Brown Stripe	6m	332
94531	500	SDR11	16	PE100	Blue / Brown Stripe	6m	407
94532	560	SDR11	16	PE100	Blue / Brown Stripe	6m	508
94533	630	SDR11	16	PE100	Blue / Brown Stripe	6m	641