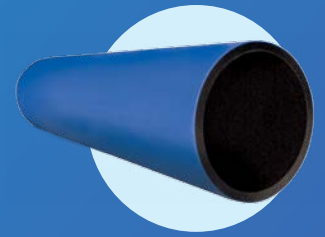


Product data sheet

GPS PE Blue pipe (PE80)

For potable water supply below ground.



Range / pressure rating

Diameter size (mm)	SDR	Pressure rating	Material
20mm	9	16 bar	PE80
25 - 63mm	11	12.5 bar	PE80

Other pressure ratings / SDRs may be produced on request.

Colours

Material	Colour
PE80	Blue: Within colour range 18E51 to 18E53 (BS5252: 1976) 

Standards / approvals

BS EN 12201-2
(BSI Kitemark Certificate
KM 508224)

**The Water
Supply Regulation**
31/27/30

Lengths

Pipes are available in coil lengths of 25m, 50m, 100m, 150m. Pipe 63mm in diameter is also available in straight length of 6m.

Other lengths may be produced on request.

Markings

Products are marked on one side with characters at least 3mm high in a contrasting colour.

The following identification and traceability marks are printed once every metre;

- | | |
|--|---|
| • Manufacturers identification: GPS | • Outside diameter: 32mm (example) |
| • Material designation: PE80 (see note 1) | • Manufacturing code: (Contains date) (see note 3) |
| • Standard number: BS EN 12201-2 (see note 2) | • Application: Water |
| • SDR value: SDR 11 (example) | • Pressure rating: eg. 16 bar |

Identification Marking

Note 1: The material code is specified in Works instruction and maybe suffixed as follows: R = 100% rework material.

Note 2: The use of this mark is Aliaxis' claim that the product has been manufactured in accordance with BS EN 12201-2.

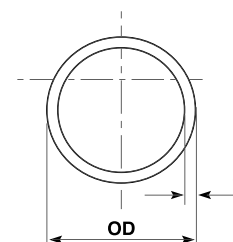
Note 3: The shift code denotes the extruder, shift week and year of manufacture plus the plant identification code. Each item being allocated a maximum of 2 digits. Where the codes numerical value is less than 10 a 0 is inserted. Or a simple date code may be used DD/MM/YYYY.

Batch number format

8 Digit Code	Extruder Number	Shift Number	Week Number	Year
		1 & 2	3 & 4	5 & 6
	01-23	01 - 14	01 - 52	01-99

Pipe dimensions – water applications (BS EN 12201-2)

SDR 11					
Nom. Size (mm) DN / OD	Max OD (mm)	Min t (mm)	Max t (mm)	Mean Weight (kg/m)	Mean Bore (mm)
20*	20.3	2.3	2.7	0.1	15.2
25	25.3	2.3	2.7	0.2	20.2
32	32.3	3.0	3.4	0.3	25.8
40	40.4	3.7	4.2	0.4	32.3
50	50.4	4.6	5.2	0.7	40.4
63	63.4	5.8	6.5	1.0	50.9



* SDR 9 only. Wall thickness increased to give a lower SDR and more resistance to damage.
GPS pipes, manufactured to BS EN 12201-2 standard, are capable of withstanding transient surge pressures of up to twice the rated pressure of the pipe.