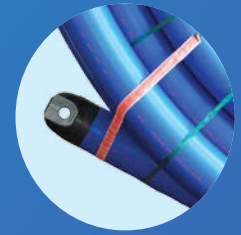


# GPS 3<sup>c</sup> towing head pipe

A factory clean, capped and coiled pipe, which is supplied with Integral Towing Head, ready to be attached to a towing shackle for immediate installation. The 3<sup>c</sup> range provides a solution to negate the need for the lengthy pre-chlorination process prior to installation of potable water pipes.



## Range / pressure rating

Diameter size (mm)	SDR	Pressure rating	Material
90 - 180mm	11	16 bar	PE100
90 - 180mm	17	10 bar	PE100

Other pressure ratings / SDR's may be produced on request

## Max towing load (tonnes)

OD (mm)	Max towing load (tonnes)	
	SDR 11	SDR 17
90mm	2.1	1.4
110mm	2.7	1.6
125mm	4.1	2.7
160mm	-	4.5
180mm	-	5.7

Other pressure ratings / SDR's may be produced on request

## Colours

Material	Colour
PE100 Pipe grade materials (As listed by the PE100+ Association)	<b>Black core with blue outer.</b> <b>Blue:</b> Within the range 20D44 to 20D45 or 20E53 to 20E56 in accordance with BS5252 :1976.



## Standards / approvals

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

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

## Lengths

Pipes ≤ 180mm in diameter are available in coil lengths of 50m, 75m, 100m, 150m.

## Markings

Products are marked on both sides with characters at least 5mm high in a contrasting colour.

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

• Manufacturers identification: <b>GPS</b>	• Outside diameter: <b>250mm (example)</b>
• Material designation: <b>PE100 (see note 1)</b>	• Manufacturing code: <b>(Contains date) (see note 3)</b>
• Standard number: <b>BS EN 12201-2 (see note 2)</b>	• Application: <b>Water</b>
• Application: <b>SDR 11 (example)</b>	• Pressure rating: <b>eg. 16 bar</b>

## Identification Marking

Note 1: The material code is specified in Works instruction.

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/YY.

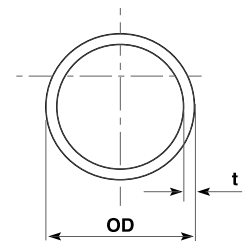
## Batch number format

8 Digit Code	Extruder Number 1 & 2	Shift Number 3 & 4	Week Number 5 & 6	Year 7 & 8
	01-23	01 - 14	01 - 52	01-99

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

Nom. Size (mm) DN / OD	Max OD (mm)	SDR	Min t (mm)	Max t (mm)	Mean Weight (kg/m)	Mean Bore (mm)
90	90.6	11	8.2	9.2	2.1	72.9
		17	5.4	6.1	1.5	78.8
110	110.7	11	10.0	11.1	3.2	89.3
		17	6.6	7.4	2.2	96.4
125	125.8	11	11.4	12.7	4.1	101.3
		17	7.4	8.3	2.8	109.7
160	161	11	14.6	16.2	6.7	129.7
		17	9.5	10.6	4.6	140.4
180	181.1	11	16.4	18.2	8.5	146.0
		17	10.7	11.9	5.8	158.0

Note: In order to maintain the integrity of the clean pipe the end cap and Towing head should only be removed immediately before connection.



GPS PE pipes are manufactured to BS EN 12201-2 standard, are capable of withstanding transient surge pressures of up to twice the rated pressure of the pipe.