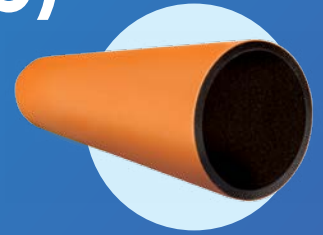


GPS PE Orange pipe (PE100)

For pressurised gas supply. It is coextruded orange PE100 over black PE100RC.



Range / pressure rating

OD (mm)	SDR	Pressure rating
75 - 630mm	11	7 bar

Other pressure ratings / SDRs may be produced on request.

Colours

Material	Colour
PE100 / PE100RC	Black core with orange outer. Orange: The colour shall be shade 08E53 in accordance with GIS/PL2-1 and BS5252.



Standards / approvals

GIS/PL2-8
(BSI Kitemark Certificate KM 632128)

Lengths

Pipes are supplied in coil lengths of 25, 50, 100, 150m, or lengths of 6 or 12m.

Other lengths may be available on request.

Markings

Product will be marked on opposite sides. Contrasting colour characters at least 3mm high will be used on pipes up to 90mm and at least 5mm high on sizes above 90mm.

The following identification and traceability marks will be printed once every metre;

• Manufacturers identification: GPS	• Outside diameter: 63mm (example)
• Material designation: Coextruded PE100 / PE100RC (see note 1)	• Wall thicknesses: (in mm)
• Standard number: GIS/PL2:8 (see note 2)	• Manufacturing Code: (Contains date) (see note 3)
• SDR value: SDR11 (example)	• Internal fluid: Gas

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 GIS/PL2:8.

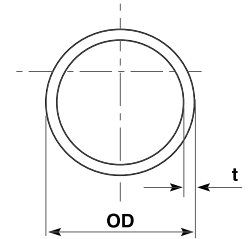
Note 3: The shift code denotes the extruder, shift week and year of manufacture plus the plant identification code. Each item being allocated a maximum of 2 digits. Where the codes numerical value is less than 10 a 0 is inserted. Or a simple date code may be used DD/MM/YY.

Batch number format

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

Pipe dimensions – gas applications (GIS/PL2-2)

SDR 11					
Nom. Size (mm) DN / OD	Max OD (mm)	Min t (mm)	Max t (mm)	Mean Weight (kg/m)	Mean Bore (mm)
75	75.5	6.8	7.6	1.5	60.9
90	90.6	8.2	9.2	3.0	72.9
125	125.8	11.4	12.7	4.0	101.3
180	181.1	16.4	18.2	9.0	146.0
250	251.5	22.7	25.1	16.0	203.0
315	316.9	28.6	31.6	26.0	255.8
355	357.2	32.3	35.7	33.0	288.1
400	402.4	36.4	40.2	41.0	324.6
450	452.7	40.9	45.1	52.0	365.4
500	503.0	45.5	50.2	64.0	405.8
560	563.4	50.9	56.1	81.0	454.7
630	633.8	57.3	63.2	102.0	511.4



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