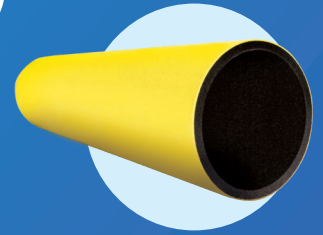


GPS PE Yellow pipe (PE100)

For pressurised gas supply. It is coextruded yellow PE80 over black PE100RC.




Range / pressure rating

OD (mm)	SDR	Pressure rating
250 - 800mm	21	2 bar

Other pressure ratings / SDRs are available on request. Pressure test on site is in accordance with IGEM TD3.

Colours

Material	Colour
PE80 / PE100RC	Black core with yellow outer. Yellow: The colour of the PE80 compound shall be shade 10E55 (BS5252: 1976). 

Standards / approvals

GIS/PL2-2
(BSI Kitemark Certificate KM 512487)

Lengths

Pipes are supplied in straight lengths of 6m or 12m.

Other lengths may be available on request.

Markings

Product will be marked on opposite sides in contrasting colour characters at least 5mm high.

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

• Manufacturers identification: GPS EXCEL NY	• Outside diameter: 250mm (example)
• Internal fluid: Gas	• Manufacturing code: (Contains date) (see note 3)
• Material designation: PE80/PE100 CO-EXTRUDED	• Standard number: GIS/PL2:2 (see note 2)
• Outside diameter: 250mm (example)	• Weight per metre: (in kg/m)
• SDR value: SDR 21 (example)	

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/PL2:2.

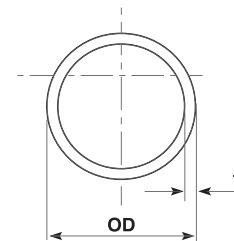
Note 3: The shift code denotes the extruder, shift week and year of manufacture plus the plant identification code. Each item being allocated a maximum of 2 digits. Where the codes numerical value is less than 10 a 0 is inserted. Or a simple date code may be used DD/MM/YY.

Batch number format

8 Digit Code	Extruder Number	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 21					
Nom. Size (mm) DN / OD	Max OD (mm)	Min t (mm)	Max t (mm)	Mean Weight (kg/m)	Mean Bore (mm)
250	251.5	11.9	13.2	9.0	225
280	281.7	13.3	14.8	11.3	252
315	316.9	15.0	16.6	14.3	284
355	357.2	16.9	18.7	18.2	320
400	402.4	19.0	21.0	23.1	361
450	452.7	21.4	23.7	29.3	406
500	503	23.8	26.3	36.1	451
560	563.4	26.7	29.5	45.2	505
630	633.8	30.0	33.1	57.1	569
710	716.4	33.8	37.4	72.5	649.1
800	807.2	38.1	42.1	91.9	721.8



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