

PRODUCT DATA SHEET

SIMONA Peak Yellow Service Gas Pipe (PE80)



Specification overview

- GIS PL2 - 2
- PP1547:2022 For use with Hydrogen
- KM 676129 - 1
- PE80 solid yellow

For transporting pressurised natural gas and suitable manufactured gas applications (PE80)

Control and ancillaries for use with Hydrogen

OD	SDR	Pressure rating	Material
20 mm	9	5.5 bar	PE80
25 - 63 mm	11	5.5 bar	PE80

Lengths

Pipes ≤ 63mm in diameter will be supplied in coil lengths of 25, 50, 100, 150m or lengths of 6 & 12m
 Bespoke lengths can be produced on request

Markings

All products ≤ 63mm will be ink jet marked on one side with characters at least 3mm high in a contrasting colour to the pipe material also with a single “non-inked” indented strip plus an inkjet print line.

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

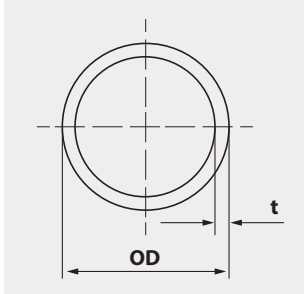
- Manufacturers identification: SIMONA Peak Pipe Systems
- Material designation: PE80
- Standard number: GIS PL2-2 / PP1547:2022
- SDR value: SDR11 (example)
- Outside diameter: 25mm (example)
- Manufacturing code: (Contains date)
- Application: Gas
- Pressure rating: 5.5 bar (example)

Suitable jointing methods

- Electrofusion Fittings
- Mechanical Fittings
- Compression Fittings
- Note: Maximum system pressure is only rated to the lowest performing component

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Nom size (mm)	Max OD (mm)	SDR	Min t (mm)	Max t (mm)	Mean weight (kg/m)	Mean Bore (mm)
20	20.3	9	2.3	2.7	0.1	15.2
25	25.3	11	2.3	2.7	0.1	20.2
32	32.3	11	3	3.4	0.3	25.8
63	63.4	11	5.8	6.5	1	50.9