

SC80 SOLID WALL PE80 PIPE

The flexible service pipe solution for gas distribution.

Our range of SC80 gas pipes are innovative solid wall polyethylene pipes developed as part of Radius Systems' continuous product improvement process and are the ideal solution for the construction of gas pipelines.

Manufactured using a specialist co-extrusion technology, the pipe is produced as a single pipe wall construction with a black inner and an integral colour coded yellow outer, denoting the pipe's material and application.

Available in diameters 20 to 315 mm in a range of SDRs and pressure ratings to suit your gas pipeline project, our SC80 gas pipes can be joined using industry standard electrofusion and butt-fusion welding techniques.

Ideally suited for new pipeline installations, close-fit legacy pipe rehabilitation and pipe replacement projects, our SC80 gas pipes can be used in open-cut or no-dig installation techniques.



Features and Benefits

- Yellow colour coded outer to easily identify the pipe material and its application.
- Longer coil lengths reducing the number of joints in the pipeline.
- Flexible and easy to install.
- Corrosion free material for longer life.
- Fully compatible with approved electrofusion and spigot fittings.
- Joined using conventional electrofusion and butt-fusion techniques.
- Simple pipe surface preparation for electrofusion jointing using industry approved tooling.
- Suitable for open-cut and no-dig installation techniques.
- Ideal for use in pipe rehabilitation projects.

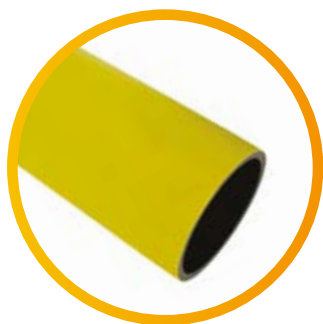


Approvals

- GIS/PL2-2 (KM 513530)
- BS EN 1555-2 (KM 575728)



Product Range



SC80 pipe

Our SC80 pipes are manufactured from PE80 materials and are easily identifiable by their yellow coloured outer surface. Manufactured in sizes 20 to 315 mm as standard, in straight or coiled pipe, SC80 pipe are available in SDR9, 11, 13.6 and 17.6. For special projects requiring bespoke pipe diameters, SDRs and lengths, please contact Radius Systems.

Nominal diameter	SDR	Product code straight pipe		Product code coiled pipe					Weight
		6m	12m	50m	100m	150m	250m	500m	
mm									kg/m
20	9	-	-	-	FA0022	-	-	-	0.1
25	11	FA0026	-	FA0028	FA0029	-	-	-	0.2
32	11	FA0033	-	FA0035	FA0036	-	-	-	0.3
40	11	-	-	-	FA0041	-	-	-	0.5
63	11	FA0068	-	FA0071	FA0072	FA0073	-	-	1.1
75	11	FA0092	-	FA0094	FA0096*	-	FA0098	FA0091	1.5
90	11	FA0125	-	-	FA0129	-	-	-	2.2
125	11	FA0287	-	FA0290	FA0291	-	-	-	4.3
180	11	FA0530	FA0532	FA0534	FA0535	-	-	-	8.8
63	13.6	FA0076	-	FA0079	FA0080	FA0081	FA0082	FA0083	0.9
75	13.6	FA0100	-	-	FA0104*	-	FA0106	FA0107	1.3
90	17.6	FA0152	FA0154	FA0155	FA0156	FA0157	FA0158	FA0159	1.5
125	17.6	FA0314	FA0316	FA0317	FA0318	FA0319	-	-	2.8
140	17.6	FA0368	-	-	FA0372	-	-	-	3.5
180	17.6	FA0560	FA0562	FA0564	FA0565	-	-	-	5.8
250	17.6	FA0793	FA0796	-	-	-	-	-	11.1
315	17.6	FA1012	FA1014	-	-	-	-	-	17.5

Note:

- * Supplied in 120 m coils.
- Pipe weights shown are for lifting and handling purposes. They are based on the gas industry specification's maximum pipe diameter and wall thickness.
- For guidance on maximum operating pressures, please contact Radius Systems.

