SC80 and SC100 gas pipes

Our range of SC80 and SC100 are innovative solid wall polyethylene pipes developed as part of Radius Systems' continuous product improvement process. 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 or orange outer, denoting the pipe's application.

Available in diameters 16 to 630 mm in a range of SDRs and pressure ratings to suit your pipeline requirements, SC pipe can be joined using standard electrofusion and butt-fusion welding techniques.

Approvals

SC80

- GIS PL2-2 for pipe SDRs 7 to 17.6, diameters 16 to 315 mm (KM 513530)
- EN 1555-2 for pipe SDRs 7 to 17.6, diameters 16 to 315 mm (KM 575728)

SC100

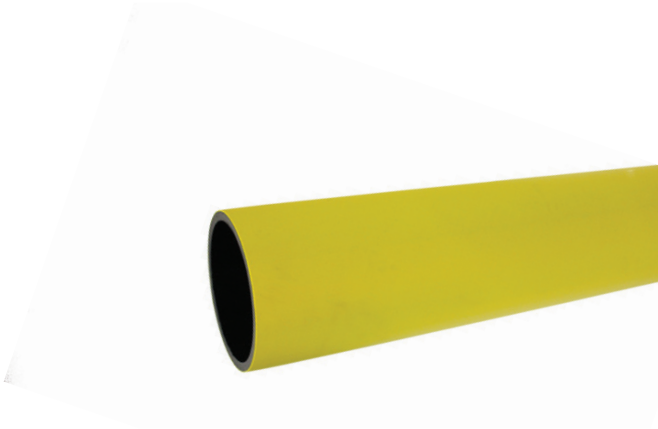
- GIS PL2-8 for pipe SDR11, diameters 63 to 630 mm (KM 513620)
- GIS PL2-8 for pipe SDR 17.6, diameters 90 to 315 mm (KM 513620)
- EN 1555-2 for pipe SDR11, diameters 63 to 630 mm (KM 575728)
- EN 1555-2 for pipe SDR17.6, diameters 90 to 315 mm (KM 575728)

Features and Benefits

- Colour coded surface to easily identify the material and its application
  - SC80: pipe with PE80 black inner and PE80 yellow outer
  - SC100: pipe with PE100 black inner and PE100 orange outer
- Joined using conventional electrofusion and butt-fusion techniques
- Simple pipe preparation for electrofusion jointing using rotary or hand scraping tools
- Fully compatible with approved electrofusion and spigot fittings
- Suitable for open-cut and no-dig installation techniques
- Ideal for use in pipeline lining projects.

SC80 pipe

Our SC80 pipe is manufactured from PE80 materials and is easily identifiable by its yellow coloured outer surface. Manufactured in sizes 16 to 315 mm as standard, in straight or coiled pipe, SC80 pipe is available in SDR7, 9, 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
mm		6 m	12 m	50 m	100 m	150 m	250 m	500 m	kg/m
16	7	-	-	FA0008	-	-	-	-	0.1
20	9	-	-	FA0021	FA0022	-	-	-	0.2
25	11	FA0026	-	FA0028	FA0029	-	-	-	0.2
32	11	FA0033	-	FA0035	FA0036	-	-	-	0.3
40	11	-	-	-	FA0041	-	-	-	0.5
55	11	-	-	-	FA0064	-	-	-	0.9
63	11	FA0068	-	FA0071	FA0072	FA0073	FA0074	FA0075	1.1
75	11	FA0092	-	FA0094	FA0096*	-	FA0098	FA0091	1.5
90	11	FA0125	FA0127	FA0128	FA0129	-	-	-	2.2
125	11	FA0287	FA0289	-	FA0291	-	-	-	4.3
180	11	FA0530	FA0532	-	FA0535	-	-	-	8.8
63	13.6	FA0076	-	FA0079	FA0080	FA0081	FA0082	-	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	FA0320	-	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	-	-	-	-	-	17.7

* Supplied in 120 m coils

Pipe weights shown are for lifting and handling purposes; they are based on the maximum pipe diameter and wall thickness.

SC100 pipe

Our SC100 pipe is manufactured from PE100 materials and is easily identifiable by its orange coloured outer surface. Manufactured in sizes 63 to 630 mm in straight or coiled pipe, SC100 pipe is available in SDR11 and SDR17.6. For special projects requiring bespoke pipe diameters, SDRs and lengths, please contact Radius Systems.

Nominal diameter mm	SDR	Product code - straight pipe 6 m	12 m	Product code - coiled pipe 100 m	Weight kg/m
63	11	FC0068	-	FC0072	1.1
90	11	FC0125	FC0127	FC0129	2.3
125	11	FC0287	FC0289	FC0291	4.3
180	11	FC0530	FC0532	FC0535	8.9
250	11	FC0766	FC0769	-	17.1
315	11	FC0985	FC0988	-	27.1
355	11	FC1044	FC1047	-	34.5
400	11	FC1104	FC1107	-	43.7
450	11	FC1219	FC1221	-	55.2
500	11	FC1327	FC1329	-	68.2
560	11	FC1383	FC1385	-	85.8
630	11	FC1439	FC1441	-	108.7
90	17.6	-	FC0154	FC0156	1.5
125	17.6	-	FC0316	-	2.8
180	17.6	-	FC0562	-	5.9
250	17.6	-	FC0796	-	11.2
315	17.6	-	FC1015	-	17.7

Pipe weights shown are for lifting and handling purposes; they are based on the maximum pipe diameter and wall thickness.