

# SC80 SOLID WALL PE80 PIPE

## The flexible service pipe solution for the distribution of drinking water.

Our SC80 (PE80) service pipes are solid wall polyethylene pipes developed as part of Radius Systems' continuous product improvement process.

Manufactured using a specialist co-extrusion technique, the pipes are produced as a single layer pipe wall construction with a black inner and an integral colour coded light blue outer, denoting the pipe's material and application.

Available in diameters 20 to 63 mm in SDR9 and SDR11, our SC80 pipes can be joined using standard electrofusion techniques as well as our unique and innovative range of Redman™ hydraulic compression fittings and suitable mechanical fittings.



### Features and Benefits

- Colour coded surface to easily identify the material and its application:
  - PE80 black inner
  - PE80 light blue outer
- Joined using electrofusion and approved mechanical jointing techniques.
- Simple pipe preparation using rotary or hand scraping tools for electrofusion jointing.
- Fully compatible with approved electrofusion, spigot, mechanical and Redman™ fittings.
- Standard and bespoke pipe sizes and SDRs available to meet your specific project requirements.
- Suitable for open-cut and no-dig installation techniques and for use in pipeline rehabilitation projects.
- All pipes supplied with end closures to protect the pipe from dust or rodent ingress from manufacturing to installation.



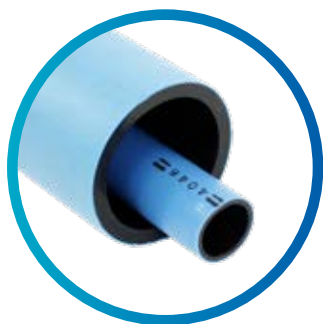
### Approvals

- WRAS approved PE80 materials.
- Approved under regulation 31 of the Water Supply (Water Quality) Regulations 2000.
- BS EN 12201-2:2011+A1:2013.



KM 83015

# Product Range



## SC80 pipe

Nominal diameter	SDR	Pressure rating	Product code straight pipe	Product code coiled pipe				Weight
mm		Bar	6m	25m	50m	100m	150m	kg/m
20	9	12.5	-	VA0020	VA0021	VA0022	VA0023	0.2
25	11	12.5	-	VA0027	VA0028	VA0029	VA0030	0.2
32	11	12.5	-	VA0034	VA0035	VA0036	VA0037	0.3
40	11	12.5	-	-	-	VA0041	-	0.5
50	11	12.5	VA0049	VA0054	VA0051	VA0052	VA0053	0.7
63	11	12.5	VA0068	VA0070	VA0071	VA0072	VA0073	1.1

**Note:** Pipe weights shown are for lifting and handling purposes. They are based on the maximum diameter and pipe wall thickness as specified in BS EN 12201.

