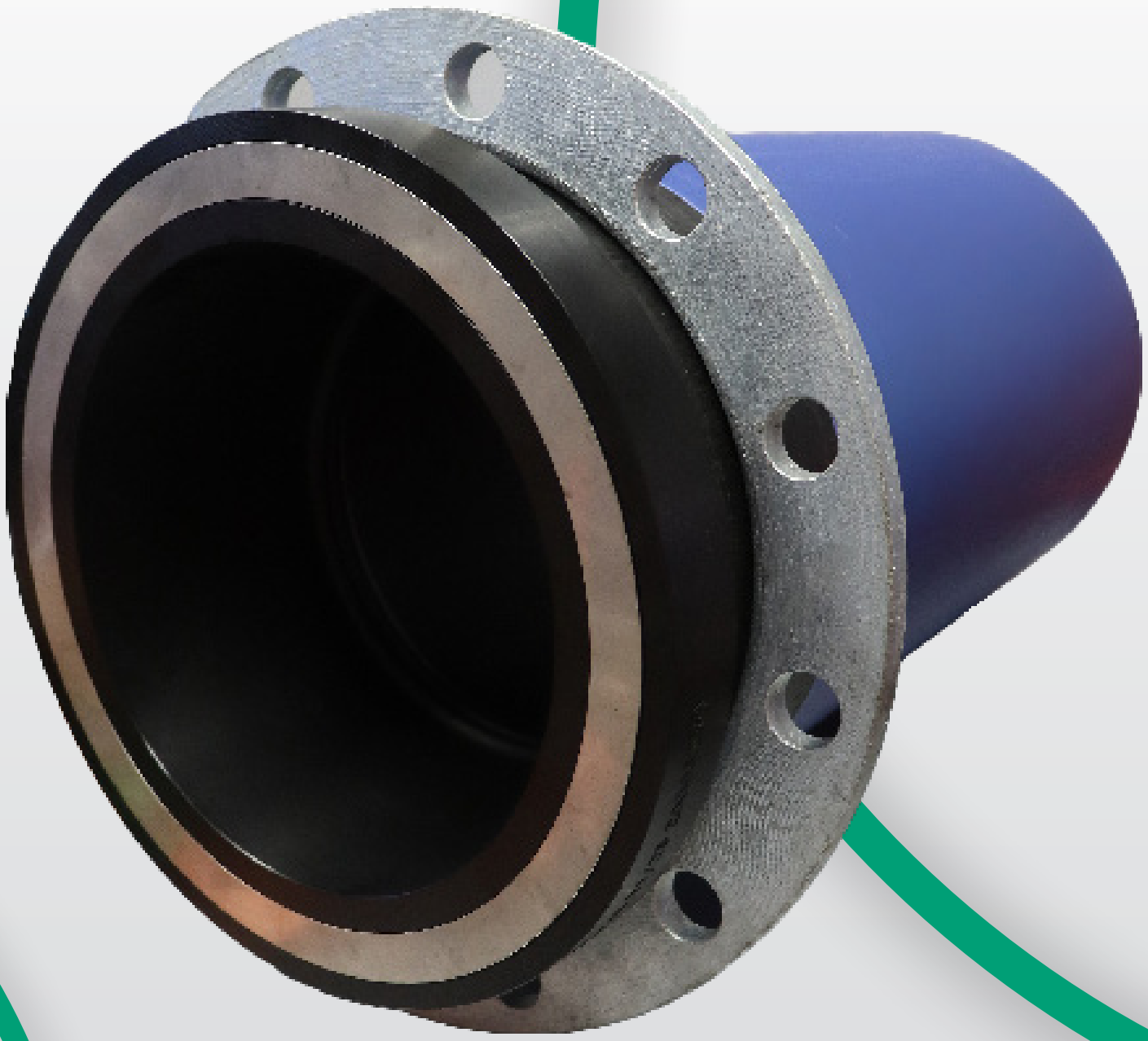


EasiSlim

High Performance Size-For-Size PE Flange Adaptor

The EasiSlim Flange for potable and non-potable pipelines from Radius Systems is a steel reinforced PE flange adaptor, which allows for size-for-size jointing of PE pipe to other flanged components.

RADIUS SYSTEMS

EasiSlim

High Performance Size-For-Size PE Flange Adaptor

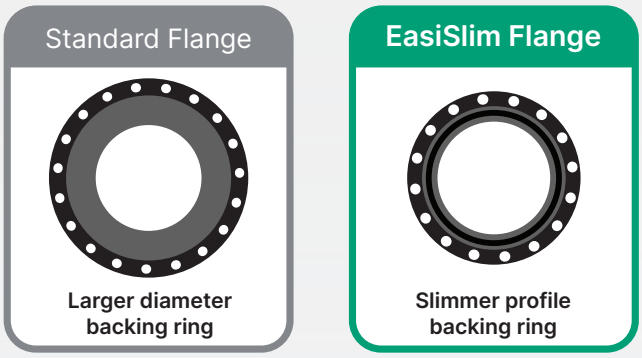
Trust EasiSlim

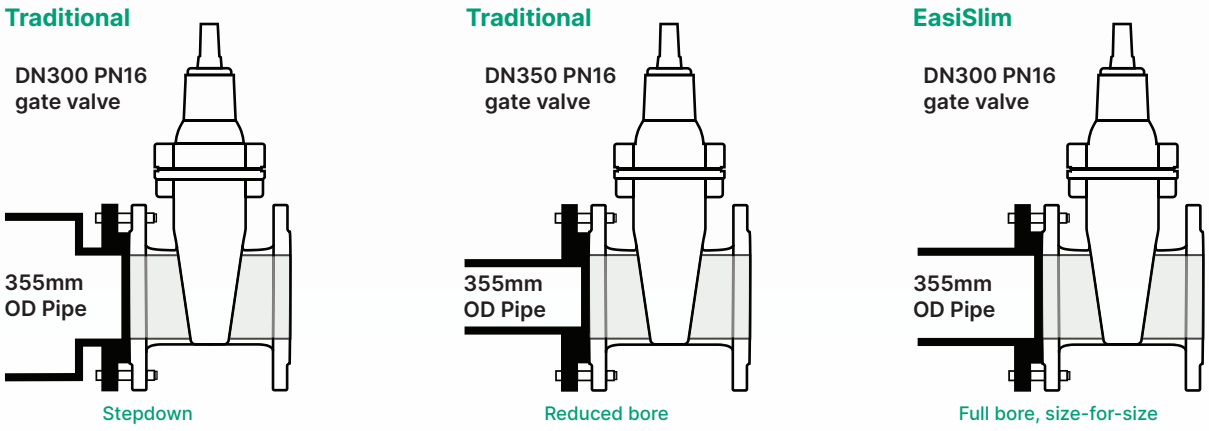
The High Performance Size-for-Size PE Flange Adapter

Designed for Optimised Connections

The EasiSlim flange has been designed not only for improving the ease of connections, but also with maximising flow capability in mind. PE flange adapters with the slim design, feature a steel reinforced ring buried within the flange face, which means a significantly smaller backing ring than a traditional flange. This eliminates the need to upsize other valves or components and is easy to install due to the rotatable functionality of the backing ring.

EasiSlim has a smaller backing ring configuration but retains a full size-for-size bore...





355mm EasiSlim Flange connects 355mm OD (outside diameter) PE pipe directly to a DN300 PN16 valve. A traditional 355mm PE Flange requires a DN350 PN16 valve for bolting to match.

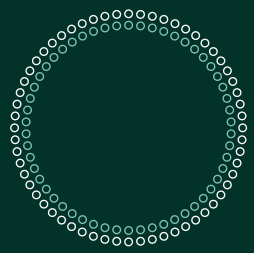
Most size-for-size Flanges, temporarily reduce the bore size which can reduce joint strength and cause blockages - EasiSlim avoids all these problems by maintaining full flow.

EasiSlim

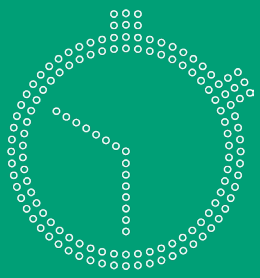
High Performance Size-For-Size PE Flange Adaptor

The Advanced Flange Interface

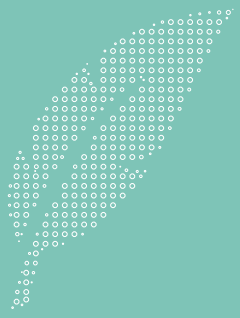
The Advanced Flange Interface features a superior design, where by the steel backing ring and the steel reinforcement ring work together to provide maximum support to the flange face, for a secure connection. The EasiSlim flange provides a high quality secure connection between the PE pipeline and metallic component, which delivers long term joint integrity, critical to the longevity of the pipeline.



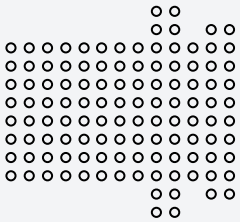
Smooth bore with full flow capacity and improved jointing integrity with full end load performance.



Cost saving through size-for-size approach, No up-sizing of valves or fittings required.



Lighter and easier to handle as a result of optimised design.



Suitable for pipeline pigging operations, due to the smooth bore.

Technically Tested to the Highest of Standards

Extensive performance tests in a dedicated high specification engineering facility were carried out to meet the stringent quality standards that Radius upholds. Uniquely, Radius can prove the performance of EasiSlim to the most exacting standards.

In addition to industry standard hydrostatic testing and butt fusion quality tests, the EasiSlim underwent the most extreme of tensile testing. Loads of over 100 tonnes were applied, demonstrating its suitability in challenging installations. Even under this huge load, the EasiSlim holds strong... stronger than the pipe itself.

Range	SDR 11		SDR 17		SDR 21	
Dimensions	**Blue**	**Black**	**Blue**	**Black**	**Blue**	**Black**
250 × 200	WR9973	WS9973	WR9974	WS9974	WR9975	WS9975
315 × 250	WR9976	WS9976	WR9977	WS9977	WR9978	WS9978
355 × 300	WR9979	WS9979	WR9980	WS9980	WR9981	WS9981
400 × 350	WR9982	WS9982	WR9983	WS9983	WR9984	WS9984
450 × 400	WR9985	WS9985	WR9986	WS9986	WR9987	WS9987
500 × 450	WR9988	WS9988	WR9989	WS9989	WR9990	WS9990
560 × 500	WR9991	WS9991	WR9992	WS9992	WR9993	WS9993

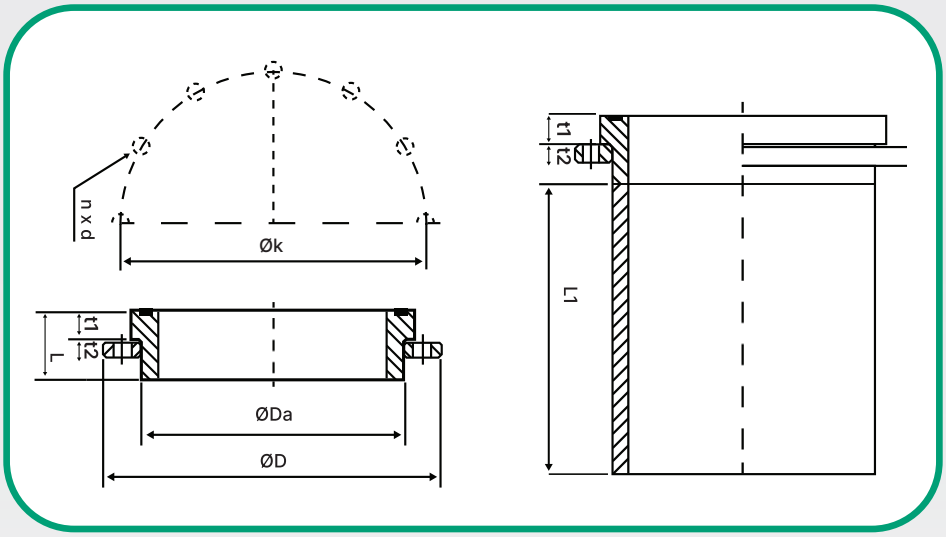
Blue is for potable water use only

Size Range

Dimensions SDR 11 & 17	L (mm)	L1 (mm)	ØD (mm)	t1 (mm)	t2 (mm)	Øk (mm)	n x d (mm)	Metric Bolt Size
250 × 200	130	500	340	31	12	295	12 × 22	M20
315 × 250	130	500	405	36	18	359	12 × 24	M22
355 × 300	130	500	460	39	20	410	12 × 26	M24
400 × 350	160	500	520	42	25	470	16 × 26	M24
450 × 400	160	1000	580	46	25	525	16 × 30	M27
500 × 450	160	1000	640	50	26	585	20 × 30	M27
560 × 500	160	1000	715	55	26	650	20 × 33	M30

- BS 8561:2021
  EN 12201-3: 2011+A1:2012
- Backing ring drilled to BS EN 1092-1:2007 Table 13 except for 315 × 250
- SDR17 and SDR21 are Type 1, SDR11 is Type 2 according to BS 8561:2021 Section 7.5
- Maximum Operating Pressure
  SDR11 - 16bar
  SDR17 - 10bar
  SDR21 - 8bar
- The specifications of this technical data are non-binding

bsi Flange Adaptors KITEMARK™
1. KM 797968
2. BS 8561:2021



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For more visit our **website** via the QR code above,
email us at **sales@radius-systems.com**
or call us at **+44 (0)1773 811112**

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