

Nr. 8535

## 90° bend System 2000

Fittings for PE and PVC pipes



### Standards

#### System 2000:

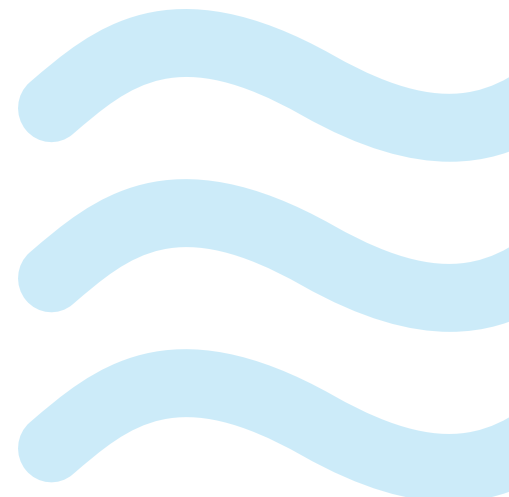
- Suitable for PE pipes 80/100, EN 12201, DIN 8074
- For PVC pipes according to EN ISO 1452-2
- For thin-walled PE pipes ( $\geq$  SDR 21) and for vacuum pipelines, the use of a support liner is required
- restraint acc. to DIN 8076 T1/T3
- with protecting caps of recycled PE or PE foil packing to prevent ingress of dirt & dust during storage acc. to EN 12351 and EN 805

### Construction features

#### System 2000:

- Using a lip seal ring for sealing the pipe allows for easier insertion of the pipe into the System 2000 socket
- The pipe restraining system is required for pushing the pipe into the seal and chamfer with an appropriate tool
- Specially developed for repairs or expansion of existing networks using plastic pipes
- Easy assembly and disassembly (superior mechanical connection, no welding, minimal assembly and disassembly forces)

Learn more about reliable [System 2000](#) pipe connections in our Hawle Knowledge blog.



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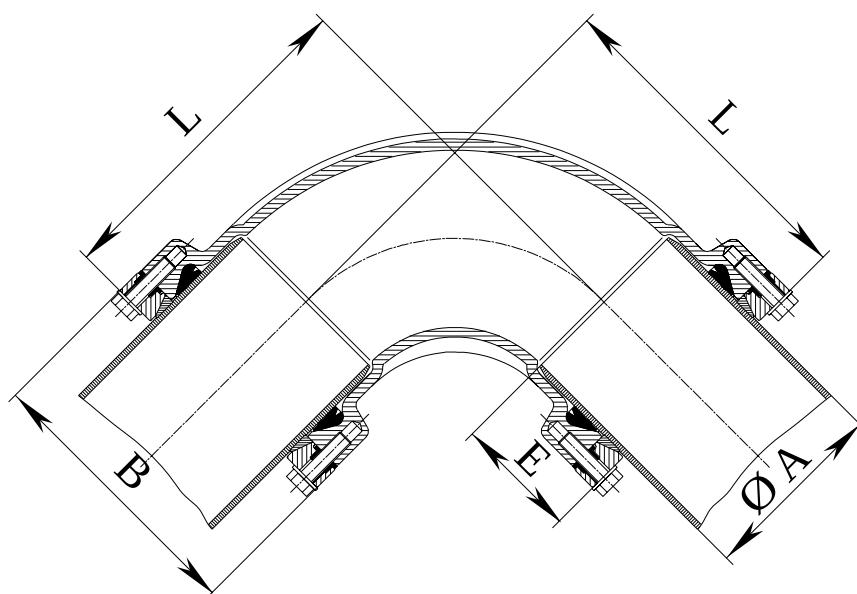
### Materials

<b>Body lock ring</b>	<ul style="list-style-type: none"> <li>• Ductile iron: EN-GJS-420-15 according to EN 1563</li> <li>• Epoxy powder coated inside and outside: According to EN 14901 and DIN 3476-1 in due consideration of the RAL-GZ 662 quality and testing requirements:             <ul style="list-style-type: none"> <li>- coating thickness: min. 250 µm</li> <li>- zero porosity: min. 3000 V spark test</li> <li>- adhesion: min. 16 N/mm<sup>2</sup></li> </ul> </li> </ul>
<b>Grip ring</b>	Brass
<b>Hexagonal bolts</b>	Stainless steel, minimum quality A4
<b>Lip seal ring</b>	Elastomer, EPDM acc. to EN 681-1
<b>Spacer bushes</b>	PE

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DN	PN	Weight	L	B	E	ØA
D63	PN16	4.2	153	124	80	63
D90	PN16	7.64	188	152	85	90
D110	PN16	9.113	213	172	85	110
D125	PN16	9.77	240	193	87	125
D140	PN16	15.11	246	210	93	140
D160	PN16	19.6	283	236	105	160
D180	PN16	24.215	293	258	113	180
D200	PN16	37.795	353	284	125	200
D225	PN16	42.95	355	314	128	225
D250	PN16	57	427	347	145	250
D280	PN16	69	430	376	148	280
D315	PN16	100	506	422	174	315

All illustrations, technical data, dimensions (in mm) and weights (all weights specified in kg) are non-binding. Subject to changes and printing errors