

Nr. 8545

45° bend System 2000

Fittings for PE and PVC pipes



Standards

System 2000:

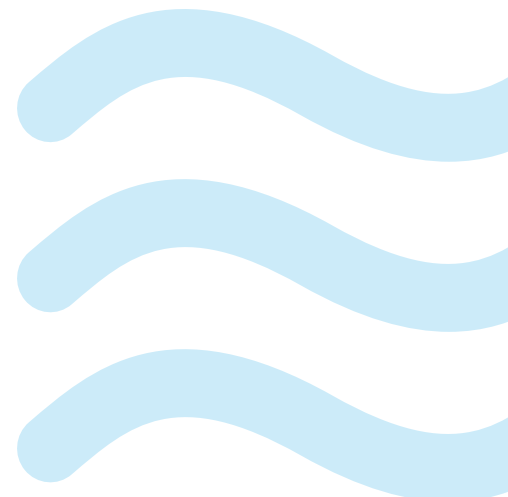
- Suitable for PE pipes 80/100, EN 12201, DIN 8074
- For PVC pipes according to EN ISO 1452-2
- For thin-walled PE pipes (\geq SDR 21) and for vacuum pipelines, the use of a support liner is required
- restraint acc. to DIN 8076 T1/T3
- with protecting caps of recycled PE or PE foil packing to prevent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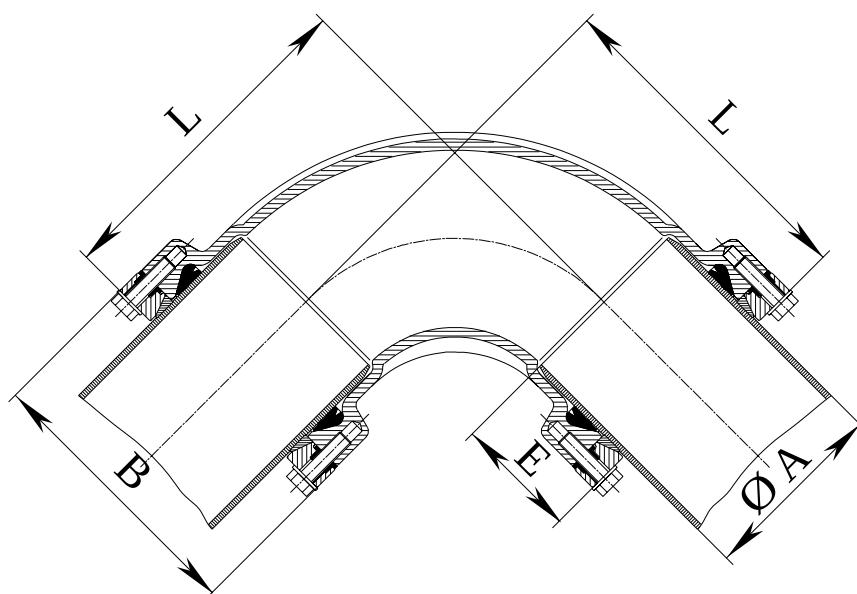
Materials

Body lock ring	<ul style="list-style-type: none"> • Ductile iron: EN-GJS-420-15 according to EN 1563 • 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"> - coating thickness: min. 250 µm - zero porosity: min. 3000 V spark test - adhesion: min. 16 N/mm²
Grip ring	Brass
Hexagonal bolts	Stainless steel, minimum quality A4
Lip seal ring	Elastomer, EPDM acc. to EN 681-1
Spacer bushes	PE

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DN	PN	Weight	L	B	E	ØA
D63	PN16	4.69	112	124	80	63
D75	PN16	4.97	120	138	82	75
D90	PN16	6.42	129	152	85	90
D110	PN16	7.9	140	172	85	110
D125	PN16	9.9	153	193	87	125
D140	PN16	13.15	159	210	93	140
D160	PN16	16.2	181	236	105	160
D180	PN16	20.86	191	258	113	180
D200	PN16	29.89	221	284	125	200
D225	PN16	38.2	224	314	128	225
D250	PN16	47.17	263	376	145	250
D280	PN16	55.12	266	376	148	280
D315	PN16	80	313	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