



Product description

- Ductile iron pipe for waste water

Standards

- Designed according to EN 598
- Flange drilling to EN 1092-2 (ISO 7005-2) PN 10/16

Tests

- All pipes are individually hydrostatically tested according to EN 598

Corrosion protection

- Pipe internal coating: aluminum cement CALCOAT
- ZINALIUM pipe external coating: Zn85Al15 [400g/m²] alloy + red epoxy 100 µm + red RAL 3011 enamel

Features

- Pipe for waste water
- Body in ductile iron Rm > 420 MPa, elongation > 10%
- Flange and puddle flange in ductile cast iron (EN-GJS-500-7)
- Puddle Flange from DN 50 to DN 200 are ajustable, from DN 250 to DN 800 are fixed. This innovation puddle flange system patented by Fucoli-Somepal was developed to facilitate the installation on site, due that can be placed at any point of the pipe length
- The pipes are provided with fixed flange(s) (when that is applicable)
- Ductile cast iron pipe available in 9 models:
 - A. Double spigot pipe
 - B. Flanged spigot pipe
 - C. Double flanged pipe
 - D. Double spigot pipe with adjustable puddle flange from DN 50 to DN 200
 - E. Flanged spigot pipe with adjustable puddle flange from DN 50 to DN 200
 - F. Double flanged pipe with adjustable puddle flange from DN 50 to DN 200
 - G. Double spigot pipe with fixed puddle flange from DN 250 to DN 800
 - H. Flanged spigot pipe with fixed puddle flange from DN 250 to DN 800
 - I. Double flanged pipe with fixed puddle flange from DN 250 to DN 800
- Available in length up to:
 - i. DN 50 to DN 600 length maximum 5900 mm
 - ii. DN 700 to DN 800 length maximum 3000 mm
- The flanged fittings for sewerage applications from Fucoli-Somepal have CE mark in accordance with standard EN 598 annex ZA
- On request side thread outlet: 1", 2 ½" and 2"



(A)



(B)



(C)



(D)



(E)



(F)



(G)



(H)



(I)



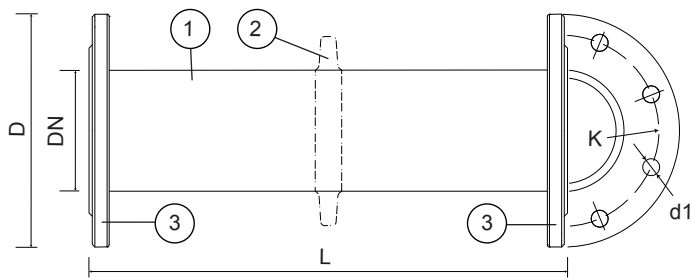
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PIPE DN 50 - 800 PN10/16

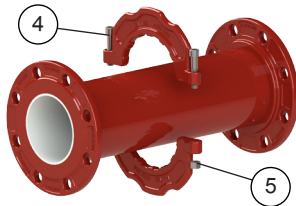
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Component list

pos.	components	material	standard
1	Pipe	Ductile iron Rm > 420MPa, elongation > 10%	EN 1563
2a*	Adjustable puddle flanged	Ductile iron EN-GJS-500-7	EN 1563
2b*	Fixed puddle flanged	Ductile iron EN-GJS-500-7	EN 1563
3	Flange	Ductile iron EN-GJS-500-7	EN 1563
4	Bolt	Steel zinc plated cl 8.8	ISO 898 - 1
5	Nut	Steel zinc plated cl 8.8	ISO 898 - 1

* 2a Available only from DN 50 to DN 200
* 2b Available only from DN 250 to DN 800



Adjustable puddle flanged
DN 50 up to DN 200



Fixed flange
DN 250 up to DN 800

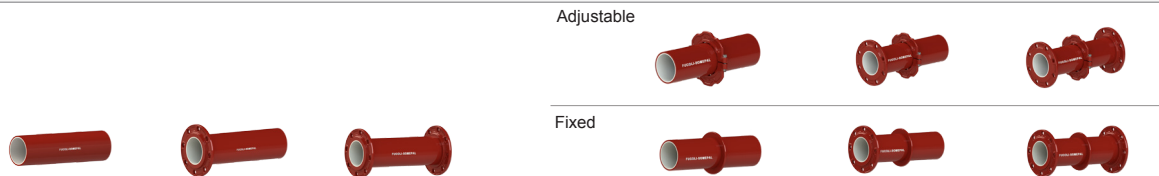
Reference and dimensions

Common on all models

Hole ϕ / ϕ and n° of holes

DN	PN	D	K	n° x d1	DN	PN	D	K	n° x d1	DN	PN	D	K	n° x d1
80	10/16	200	160	8 x 19	300	10/16	455	400 410	12 x 23 - 28	600	10	780	725	20 x 31
100	10/16	220	180	8 x 19	400	10	565	515	16 x 28	600	16	840	770	20 x 37
125	10/16	250	210	8 x 19	400	16	580	525	16 x 31	700	10	895	840	24 x 31
150	10/16	285	240	8 x 23	500	10	670	620	20 x 28	700	16	910	840	24 x 37
200	10/16	340	295	8 - 12 x 23	500	16	715	650	20 x 34	800	10	1015	950	24 x 34
250	10/16	400 405	300 355	12 x 23 - 28						800	16	1025	950	24 x 41

Available models



Code of the 9 models available

DN	PN	ϕ ext. pipe	(A)	(B)	(C)	Puddle Flange	(D)-(G)	(E)-(H)	(F)-(I)
80	10 / 16	98	40231004	40242004	40243004	Adjustable	40244004	40245004	40246004
100	10 / 16	118	40231005	40242005	40243005	Adjustable	40244005	40245005	40246005
125	10 / 16	144	40231006	40242006	40243006	Adjustable	40244006	40245006	40246006
150	10 / 16	170	40231007	40242007	40243007	Adjustable	40244007	40245007	40246007
200	10 / 16	222	40231008	40242018	40243018	Adjustable	40244008	40245018	40246018
250	10 / 16	274	40231009	40242019	40243019	Fixed	40244009	40245019	40246019
300	10 / 16	326	40231010	40242020	40243020	Fixed	40244010	40245020	40246020
350	10	378	40231011	40242011	40243011	Fixed	40244011	40245011	40246011
350	16	378	40231011	402420116	402430116	Fixed	40244011	402450116	402460116
400	10	429	40231012	40242012	40243012	Fixed	40244012	40245012	40246012
400	16	429	40231012	402420126	402430126	Fixed	40244012	402450126	402460126
450	10	480	40231013	40242013	40243013	Fixed	40244013	40245013	40246013
450	16	480	40231013	402420136	402430136	Fixed	40244013	402450136	402460136
500	10	532	40231014	40242014	40243014	Fixed	40244014	40245014	40246014
500	16	532	40231014	402420146	402430146	Fixed	40244014	402450146	402460146
600	10	635	40231015	40242015	40243015	Fixed	40244015	40245015	40246015
600	16	635	40231015	402420156	402430156	Fixed	40244015	402450156	402460156

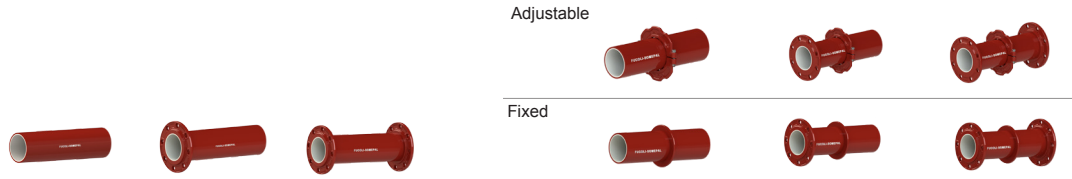
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Code of the 9 models available

DN	PN	Ø ext. pipe	(A)	(B)	(C)	Puddle Flange	(D)-(G)	(E)-(H)	(F)-(I)
700	10	738	40231016	40242016*	40243016*	Fixed	40244016*	40245016*	40246016*
700	16	738	40231016	402420166*	402430166*	Fixed	40244016*	402450166*	402460166*
800	10	842	40231017	40242017*	40243017*	Fixed	40244017*	40245017*	40246017*
800	16	842	40231017	402420176*	402430176*	Fixed	40244017*	402450176*	402460176*

* Maximum length up to 3000mm



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