



Delivery range 2023
Version 04/2023

Chamber system DN/OD 400 according to DIN EN 13598



Material properties

Chamber system DN/OD 400

The Ostendorf chamber system DN / OD 400 offers tailor-made solutions for a wide range of practical applications. All pieces are quick and easy to connect with various components and also with other pipe systems.

Perfect connections and integrated seals guarantee a secure fit for every application. The optimally dimensioned telescopic cover does not just adapt to the environment optically, it is also easily adjustable for heights up to 400 mm.

With these arguments, the Ostendorf chamber system is the innovative manhole system that makes site drainage even easier. Small in size, large in performance! It is the classic inspection shaft for site drainage. Applications for example: as a house control shaft or drainage control shaft.

Product name

Chamber system DN/OD 400

DIN EN 13598**Chamber base**

Polypropylene

Riser pipe and telescopic cover

Polyvinyl chloride, unplasticized
Polypropylene

Cast iron cover

in accordance with DIN EN 124

Application

Control shaft

Nominal diameter

DN/OD 400

Color

orange/green/blue, black

Advantages

- Variable
- Easy to use
- Low weight (Much lighter than concrete!)
- Excellent hydraulic properties

Product Overview

PP Chamber system DN/OD 400



PP Telescopic cover DN/OD 315
Load class B 125



PP Telescopic cover DN/OD 315
Load class D 400



Manhole cover
DN/OD 400
Plastic A 15



Manhole cover
DN/OD 400
Cast iron A 15



Combi-Manhole cover
(round) DN/OD 400 B 125

site concrete/concrete rim

site concrete

site concrete
(optional/suggested)



Gasket
for riser/telescoping pipe
(included with telescopic cover)



Gasket
for riser/telescoping pipe
(included with telescopic cover)



Riser pipe DN/OD 400 PP



PP-Chamber base DN/OD 400
Straight with seal ring



PP-Chamber base DN/OD 400
Right-Middle-Left (RML) with seal ring

Product Overview

PVC Chamber system DN/OD 400



Chamber base from DN/OD 400/250 straight and right-middle-left in **orange**.



PP Chamber base DN/OD 400, straight

No.	Description	PU/Pallet	Bundle qty.
660000	PP Chamber base straight DN/OD 400/110	8	1
660020	PP Chamber base straight DN/OD 400/160	6	1
660040	PP Chamber base straight DN/OD 400/200	7	1
660060	PP Chamber base straight DN/OD 400/250	9	1
660080	PP Chamber base straight DN/OD 400/315	6	1
660095	PP Chamber base straight DN/OD 400/400	6	1



PP Chamber base DN/OD 400, right-middle-left

No.	Description	PU/Pallet	Bundle qty.
660010	PP Chamber base r-m-l DN/OD 400/110	8	1
660030	PP Chamber base r-m-l DN/OD 400/160	6	1
660050	PP Chamber base r-m-l DN/OD 400/200	5	1
660070	PP Chamber base r-m-l DN/OD 400/250	6	1
660090	PP Chamber base r-m-l DN/OD 400/315	4	1



PP Riser pipe DN/OD 400

No.	Description	PU/Pallet	Bundle qty.
660600	PP Riser pipe DN/OD 400 500 mm	6	1
660610	PP Riser pipe DN/OD 400 800 mm	4	1
660620	PP Riser pipe DN/OD 400 1000 mm	4	1
660630	PP Riser pipe DN/OD 400 1250 mm	4	1
660640	PP Riser pipe DN/OD 400 1500 mm	4	1
660650	PP Riser pipe DN/OD 400 2000 mm	4	1



PVC Riser pipe DN/OD 400

No.	Description	PU/Pallet	Bundle qty.
660100	PVC Riser pipe DN/OD 400 500 mm	6	1
660110	PVC Riser pipe DN/OD 400 800 mm	4	1
660120	PVC Riser pipe DN/OD 400 1000 mm	6	1
660130	PVC Riser pipe DN/OD 400 1250 mm	6	1
660140	PVC Riser pipe DN/OD 400 1500 mm	6	1
660150	PVC Riser pipe DN/OD 400 2000 mm	6	1

Example: Without ventilation



Telescopic cover DN/OD 315 with gasket **Load class B 125 (12,5 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 355 mm x 355 mm

No.	Description	PU/Pallet	Bundle qty.
660205	PP Telescopic cover DN/OD 315 B 125 (12,5 t) SV without ventilation (green)	6	1
660215	PP Telescopic cover DN/OD 315 B 125 (12,5 t) SV with ventilation (green)	6	1
661205	PP Telescopic cover DN/OD 315 B 125 (12,5 t) SV without ventilation (blue)	6	1
661215	PP Telescopic cover DN/OD 315 B 125 (12,5 t) SV with ventilation (blue)	6	1

Example: with ventilation



Telescopic cover DN/OD 315 with gasket **Load class D 400 (40 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 385 mm x 385 mm

No.	Description	PU/Pallet	Bundle qty.
660285	PP Telescopic cover DN/OD 315 D 400 (40 t) SV without ventilation (green)	6	1
660265	PP Telescopic cover DN/OD 315 D 400 (40 t) SV with ventilation (green)	6	1
661285	PP Telescopic cover DN/OD 315 D 400 (40 t) SV without ventilation (blue)	6	1
661265	PP Telescopic cover DN/OD 315 D 400 (40 t) SV with ventilation (blue)	6	1

Square Manhole cover



Square Manhole cover: Telescopic cover DN/OD 315 with gasket **Load class D 400 (40 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 385 mm x 385 mm

No.	Description	PU/Pallet	Bundle qty.
660290	PP Telescopic cover DN/OD 315 D 400 (40 t) Square Manhole cover (green)	6	1
661290	PP Telescopic cover DN/OD 315 D 400 (40 t) Square Manhole cover (blue)	6	1

Surface water proof



Surface water proof: Telescopic cover DN/OD 315 with gasket, **Load class D 400 (40 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 385 mm x 385 mm

No.	Description	PU/Pallet	Bundle qty.
660275	PP Telescopic cover DN/OD 315 D 400 (40 t) Surface water proof and backwater-proof (green)	6	1
661275	PP Telescopic cover DN/OD 315 D 400 (40 t) Surface water proof and backwater-proof (blue)	6	1

Example: Without ventilation



Telescopic cover DN/OD 315 with gasket **Load class B 125 (12,5 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 355 mm x 355 mm

No.	Description	PU/Pallet	Bundle qty.
660200	PVC Telescopic cover DN/OD 315 B 125 (12,5 t) SV without ventilation	6	1
660210	PVC Telescopic cover DN/OD 315 B 125 (12,5 t) SV with ventilation	6	1

Example: with ventilation



Telescopic cover DN/OD 315 with gasket **Load class D 400 (40 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 385 mm x 385 mm

No.	Description	PU/Pallet	Bundle qty.
660240	PVC Telescopic cover DN/OD 315 D 400 (40 t) SV without ventilation	6	1
660245	PVC Telescopic cover DN/OD 315 D 400 (40 t) SV with ventilation	6	1

Square Manhole cover



Square Manhole cover: Telescopic cover DN/OD 315 with gasket **Load class D 400 (40 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 385 mm x 385 mm

No.	Description	PU/Pallet	Bundle qty.
660235	PVC Telescopic cover DN/OD 315 D 400 (40 t) Square Manhole cover	6	1

Surface water proof



Surface water proof: Telescopic cover DN/OD 315 with gasket, **Load class D 400 (40 t)**

Secured with 2 hexagon socket screws M10 x 50, Cast iron cover EN 124, 385 mm x 385 mm

No.	Description	PU/Pallet	Bundle qty.
660220	PVC Telescopic cover DN/OD 315 D 400 (40 t) Surface water proof and backwater-proof	6	1

Chamber system DN/OD 400

Delivery range 2023

Version 04/2023



Plastic manhole cover DN/OD 400 accessible, **load class A 15 (1,5 t)**
incl. child safety, secured with 2x hexagon head screws
with washers for installing with a 13mm wrench.

No.	Description	PU/Pallet	Bundle qty.
660250	Riser pipe cover DN/OD 400 (plastic) A15 (1,5 t)	66	1



Cast iron manhole cover DN/OD 400 accessible, **load class A 15 (1,5 t)**
incl. child safety, secured with M8 hexagon socket screw

No.	Description	PU/Pallet	Bundle qty.
660280	Cast iron manhole cover A 15 (1,5 t)	60	1



Combi manhole cover, (round) DN/OD 400
Concrete B 125 and cast iron (12,5 t) without ventilation – **B 125**

No.	Description	PU/Pallet	Bundle qty.
660520	Combination cover round cl. B 125 without ventilation	20	1



Concrete rim for telescopic cover,
for telescopic cover DN/OD 315, **only** for load class B 125 (12,5 t)

No.	Description	PU/Pallet	Bundle qty.
660260	Concrete rim for telescopic cover DN/OD 315	20	1



Dirt trap for all cast iron covers of the telescopic cover,
plastic bucket according to DIN 1236

No.	Description	PU/Pallet	Bundle qty.
660270	Dirt trap DN/OD 315	90	1

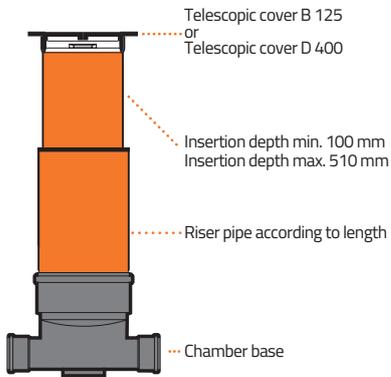


Spare gasket DN/OD 400

No.	Description	PU/Pallet	Bundle qty.
660300	Spare gasket DN/OD 400	66	1

Installation depths

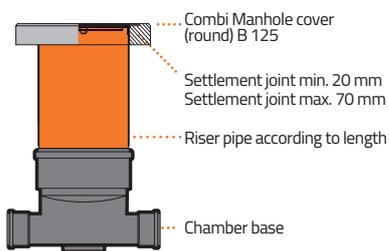
Installation depth (mm) with telescopic cover, B 125 und D 400



Riser pipe	Chamber base DN/OD 400						
	Overall length	DN/OD 110 min. – max.	DN/OD 160 min. – max.	DN/OD 200 min. – max.	DN/OD 250 min. – max.	DN/OD 315 min. – max.	DN/OD 400 min. – max.
500 mm		838* – 1238	859* – 1259	883* – 1283	1010 – 1410	1079 – 1479	1079 – 1479
800 mm		1138 – 1538	1159 – 1559	1183 – 1583	1310 – 1710	1379 – 1779	1379 – 1779
1000 mm		1338 – 1738	1359 – 1759	1383 – 1783	1510 – 1910	1579 – 1979	1579 – 1979
1250 mm		1588 – 1988	1609 – 2009	1633 – 2033	1760 – 2160	1829 – 2229	1829 – 2229
1500 mm		1838 – 2238	1859 – 2259	1883 – 2283	2010 – 2410	2079 – 2479	2079 – 2479
2000 mm		2338 – 2738	2359 – 2759	2383 – 2783	2510 – 2910	2579 – 2979	2579 – 2979
min. insertion depth		483	559	528	714	783	783
If the riser pipe is shortened to		145	200	145	204	204	204
+ if the telescoping pipe is shortened to		250	250	250	323	323	323

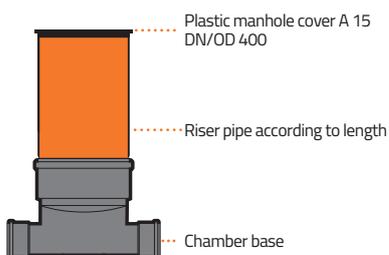
*= Insertion depth of the telescopic tube is possible starting only from 500 mm because the riser pipe is 500 mm long.

Installation depth (mm) with a combi manhole cover, (round) B 125



Riser pipe	Chamber base DN/OD 400						
	Overall length	DN/OD 110 min. – max.	DN/OD 160 min. – max.	DN/OD 200 min. – max.	DN/OD 250 min. – max.	DN/OD 315 min. – max.	DN/OD 400 min. – max.
500 mm		721 – 771	742 – 792	766 – 816	921 – 971	990 – 1040	990 – 1040
800 mm		1021 – 1071	1042 – 1092	1066 – 1116	1221 – 1271	1290 – 1340	1290 – 1340
1000 mm		1221 – 1271	1242 – 1292	1266 – 1316	1421 – 1471	1490 – 1540	1490 – 1540
1250 mm		1471 – 1521	1492 – 1542	1516 – 1566	1671 – 1721	1740 – 1790	1740 – 1790
1500 mm		1721 – 1771	1742 – 1792	1766 – 1816	1921 – 1971	1990 – 2040	1990 – 2040
2000 mm		2221 – 2271	2242 – 2292	2266 – 2316	2421 – 2471	2490 – 2540	2490 – 2540
min. insertion depth		456	477	501	715	784	784
If the riser pipe is shortened to		255	310	255	314	314	314

Installation depth (mm) with a plastic manhole cover, A 15, DN/OD 400



Riser pipe	Chamber base DN/OD 400						
	Overall length	DN/OD 110	DN/OD 160	DN/OD 200	DN/OD 250	DN/OD 315	DN/OD 400
500 mm		699	720	744	899	968	968
800 mm		999	1020	1044	1199	1268	1268
1000 mm		1199	1220	1244	1399	1468	1468
1250 mm		1449	1470	1494	1649	1718	1718
1500 mm		1699	1720	1744	1899	1968	1968
2000 mm		2199	2220	2244	2399	2468	2468
min. insertion depth		424	500	469	683	752	752
If the riser pipe is shortened to		190	245	190	190	249	249

Note: For installation instructions, visit www.ostendorf-kunststoffe.com, under the download category.



For waste disposal professionals

Systematic solutions

and a 25-year guarantee.

PVC sewer pipe systems

- Co-extruded KG - pipes SN 4 and SN 8 according to DIN EN 13476-2
- Full wall pipes and fittings according to DIN EN 1401-1
- Austria: GRIS quality mark No. 175 / Ö-Norm EN 1401-1 (Full wall SN 4 and SN 8)
- France: NF 442 (KG grey)

Sewage pipes and fittings made of PP

- KG2000 SN 10 and SN 16 according to DIN EN 14758-1
- Switzerland: QPlus No. 15016 Swiss Quality R592012
- Austria: Ö-Norm EN 14758-1

Sound-insulating house drainage pipes and fittings made of PP

- HT Safe according to DIN EN 1451-1
- Skolan Safe according to Z-42.1-217
- Austria: Skolan Safe based on Ö-Norm EN 1451-1
- HT white according to DIN EN 1451-1

Chamber systems PVC/PP according to DIN 13598

- DN/OD 400
- DN/OD 600

Drinking water pipes made of PE

- Pressurized water pipes according to DIN EN 12201 and DIN 8075
- Coils 25, 50 and 100 meters

Cable protection pipes

- KG2000 e-line for cables up to 525kV according to DIN 16878
- PP cable protection pipes SN 4 according to DIN 16878
- PE-HD cable protection pipes (regrinded) according to DIN 16876
- Austria: ÖBB TK 135 listed



Complete programs, certificates and technical data:
www.ostendorf-kunststoffe.com



What you can depend on: **Our Guarantee.**

Gebr. Ostendorf Kunststoffe GmbH (hereafter referred to as „Ostendorf“) guarantees that its product brands are free of design, material, manufacturing and instructional defects as a result of faulty manufacturer’s instructions. Most relevant herewith is the state of the generally accepted rules of technology at the time of manufacture.

Our warranty is valid for 25 years from the date of manufacture. It refers to Ostendorf products purchased worldwide (with exception to the USA and Canada). The warranty period is not extendable or renewable as a result of services under this warranty, in particular when repairing or replacing current product.

The guarantee covers

- free replacement of products.
- the costs of necessary removal and installation in the event of damage up to an amount of 50,000 € per incident.

The guarantee is limited to / void if

- damage is due to standard wear and tear.
- during installation, the rules of technology in force at the time of execution were not observed or installation was carried out by non-qualified persons.
- the product is not used for its original intended purpose.
- the damages that occur are a result of force majeure or natural disasters to the products.

The rights from the Ostendorf Manufacturer’s Guarantee are to be sent via written notification of defects within the warranty period towards Ostendorf and the affected products are to be returned upon request. Ostendorf will verify whether there is a valid warranty claim within the definition of the manufacturer’s guarantee. The written notification of defect must be made within 7 days after the error has been detected or could have been detected. It is the clients responsibility to prove that there is no evidence, case limitation and/ or exclusion in regards to the terms of the guarantee. For this purpose, the contacting party must provide full proof of the date of manufacture and installation date in a suitable form.

After expiry of this period, the assertion of the rights under the guarantee are no longer valid.

The statutory rights remain unaffected by the Ostendorf manufacturer’s warranty. The Ostendorf manufacturer’s warranty is governed by German law excluding the validity of the UN Sales Convention. The place of performance for the obligation from the guarantee is Oldenburg (Oldb), Germany. To the extent permitted by law, the place of jurisdiction is the seat of Ostendorf. The above guarantee conditions apply to all products manufactured from 01.01.2017.

