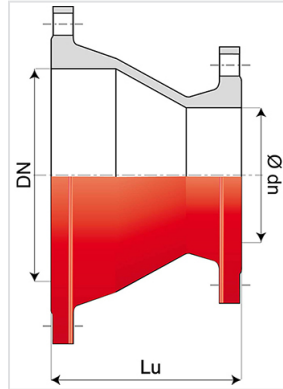


## Taper INTEGRAL with 2 Fixed Flanges



DN (mm)	Ødn (mm)	Lu (mm)	PN 10		PN 16		PN 25	
			Mass (kg)	References	Mass (kg)	References	Mass (kg)	References
80	50	200	7.30	BBA80VE1BFF	7.30	BBA80VE1BFF	7.30	BBA80VE1BFF
100	50	200	8.40	BBB10VE1BFF	8.40	BBB10VE1BFF		
100	80	200	9.00	BBB10VE1EFF	9.00	BBB10VE1EFF		
150	80	200	13.30	BBB15VE1EFF	13.30	BBB15VE1EFF		
150	100	200	13.20	BBB15VE1FFF	13.20	BBB15VE1FFF		
200	150	300	21.80	BBB20VE1JFF	20.10	BBB20VE2JFF		
200	80	300			19.50	BBB20VE2EFF		
200	100	300			20.00	BBB20VE2FFF		
250	200	300	30.00	BBB25VE1KFF	47.00	BBB25VE2KFF		
250	80	600			32.00	BBB25VE2EFF		
250	100	300			29.40	BBB25VE2FFF		
250	150	300			52.00	BBB25VE2JFF		
300	150	300	60.70	BBB30VE1JFF	34.00	BBB30VE2JFF		
300	250	300	72.00	BBB30VE1LFF	72.00	BBB30VE2LFF		
300	80	700			48.00	BBB30VE2EFF		
300	100	300			31.00	BBB30VE2FFF		
300	200	300			39.70	BBB30VE2KFF		
350	200	600			60.50	BBB35VE2KFF		
350	250	300			57.00	BBB35VE2LFF		
350	300	300			52.00	BBB35VE2MFF		
400	200	300			71.00	BBB40VE2KFF		

DN (mm)	Ødn (mm)	Lu (mm)	PN 10		PN 16		PN 25	
			Mass (kg)	References	Mass (kg)	References	Mass (kg)	References
400	250	300			69.50	BBB40VE2LFF		
400	300	300			60.00	BBB40VE2MFF		
400	350	300			70.00	BBB40VE2YFF		
450	250	600			87.50	BBB45VE2LFF		
450	300	600			95.00	BBB45VE2MFF		
450	350	600			104.00	BBB45VE2YFF		
450	400	300			81.00	BBB45VE2NFF		
500	400	600	127.00	BBB50VE1NFF	152.00	BBB50VE2NFF		
500	250	700			138.00	BBB50VE2LFF		
500	300	600			147.50	BBB50VE2MFF		
500	350	600			121.00	BBB50VE2YFF		
500	450	600			189.00	BBB50VE2PFF		
600	300	800			171.00	BBB60VE2MFF		
600	350	700			167.00	BBB60VE2YFF		
600	400	600			164.00	BBB60VE2NFF		
600	450	600			175.00	BBB60VE2PFF		
600	500	600			190.00	BBB60VE2QFF		
700	500	600	281.00	BBB70VE1QFF	266.00	BBB70VE2QFF		
700	600	600	218.00	BBB70VE1RFF	243.00	BBB70VE2RFF		
700	450	700			285.00	BBB70VE2PFF		
800	500	800	500.00	BBB80VE1QFF	480.50	BBB80VE2QFF		
800	600	600	345.00	BBB80VE1RFF	354.00	BBB80VE2RFF		
800	700	600	272.00	BBB80VE1SFF	269.00	BBB80VE2SFF	368.00	BBB80VE3SFF
900	800	600	337.00	BBB90VE1TFF	359.00	BBB90VE2TFF		
900	700	600			414.00	BBB90VE2SFF		
1000	800	600	570.00	BBC10VE1TFF	520.00	BBC10VE2TFF	693.00	BBC10VE3TFF
1000	900	600	415.00	BBC10VE1UFF	447.00	BBC10VE2UFF		
1100	1000	600	713.00	BBC11VE1VFF				
1200	1000	860	656.00	BBC12VE1VFF	717.00	BBC12VE2VFF	886.00	BBC12VE3VFF
1200	600	1490			980.00	BBC12VE2RFF		
1400	1200	760	846.00	BBC14VE1BFF	955.00	BBC14VE2BFF		
1500	1200	760	886.00	BBC15VE1BFF	1032.00	BBC15VE2BFF		
1500	1400	570	825.00	BBC15VE1CFF				

DN (mm)	Ødn (mm)	Lu (mm)	PN 10		PN 16		PN 25	
			Mass (kg)	References	Mass (kg)	References	Mass (kg)	References
1600	1200	1085	1194.00	BBC16VE1BFF				
1600	1400	890	1259.00	BBC16VE1CFF	1309.00	BBC16VE2CFF		
1600	1500	890			1344.00	BBC16VE2DFF		
1800	1600	970	1626.00	BBC18VE1EFF				

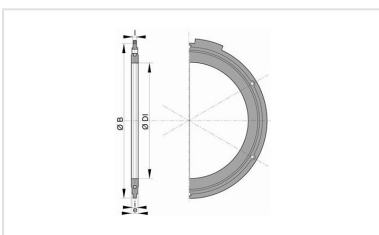
## Field of use:

- Separate sewer system and combined sewer system
- Application: gravity flow and rising main sewerage systems
- Type of effluent: domestic wastewater and rainwater
- For networks with rising main under pressure
- For effluents between pH1 and pH13

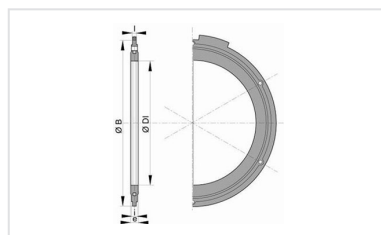
## Main characteristics:

- External and internal coating: red epoxy powder 250µm (PECR)
- EN 598 / CE Marking
- Declaration of performances [DoP-INTEGRAL005EN](#)
- Designed according to the regulatory texts:
  - NF EN 476: general prescriptions for components used in the networks
  - NF EN 752: Conception of sewage projects
  - NF EN 1610: Reception of the works
  - CCTG: Fascicule 70 (sewage work)

## Linked products



Flanged joint with hot galvanized steel bolts, nuts and washers for sewage



Flanged joint with hot galvanized steel bolts, nuts and washers

*The information on this sketch is, to the best of our knowledge correct at the time of printing. However Saint-Gobain are constantly looking at ways of improving their products and services therefore reserve the right to change without prior notice, any of the data shown. Any orders placed will be subject to our Standard Conditions of Sale, available on request.*