

Date: 22.06.2022
Version: 2.1

Scope of application:

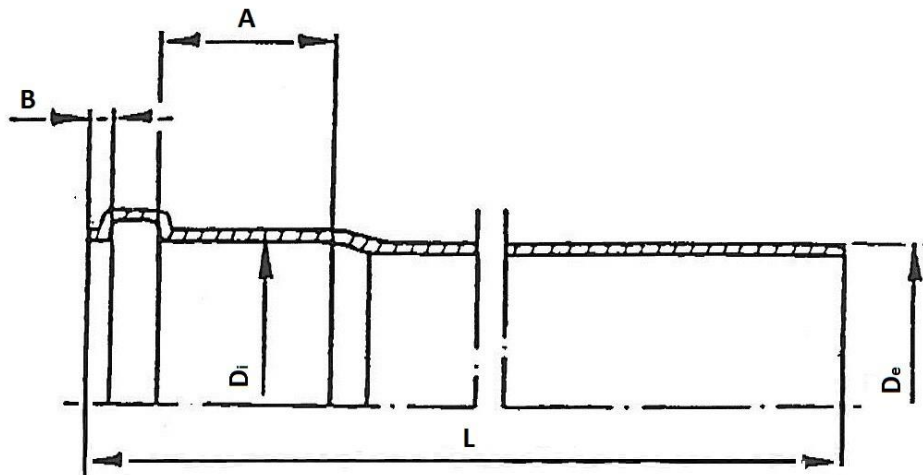
The pipes described in this technical specification are suitable for use in a pressureless gravity sewer system. The pipes can be used with no minimal traffic load. Due to its low weight, this line is also very suitable for CO₂ systems.

Dimensions:

Dimensions of tube and moulded-on sleeve (mm)

Nominal size outer diameter De min.	Rigidity class	Tolerance for average outer diameter	Tolerance for non-circularity ¹⁾	Minimum inner shield thickness	B min.	A min.	Di min.
110	SN 2	0.3	2.6	0.4	6	40	110.4
125	SN 2	0.3	3.0	0.4	7	43	125.5
160	SN 2	0.4	3.8	0.5	9	50	160.5
200	SN 2	0.5	4.8	0.6	12	58	200.6
250	SN 2	0.5	6.0	0.7	18	55	250.8
315	SN 2	0.6	7.6	0.8	20	62	316.0
400	SN 2	0.7	9.6	1.0	24	70	401.2
500	SN 2	0.9	12.0	1.3	28	80	501.5

¹⁾ The non-circularity requirement applies only before the pipe leaves the factory site.



Other specifications:

- A tolerance of +0 mm and -5 mm applies to the nominal length (L).
- Standard lengths 5 m and 6 m.
- The tubes do not contain any recyclate in the inner and outer shell.
- The tubes contain recyclate in the foamed layer.
- The standard colour is light grey. Various other colours are available on request.
- The tubes are available:
 - with smooth ends,
 - with moulded-on ring sleeve with rubber ring seal (RM),
 - with glued sleeve (LM).
- Packing method standard light grey tube, not in film.
- The smooth tube end is bevelled.
- The print:
 - EAN number and bar code
 - Tube type
 - "PVC-U"
 - Nominal outer diameter
 - Rigidity class
 - Omniplast logo
 - Reuse logo + "PVC with reuse guarantee"
 - Production line information
 - Production date and time

Additional tests:

- Dichloromethane resistance is measured to determine whether the PVC skin was properly gelled during production. There should be no deterioration of surface areas.
- When heated up to 150°C, no cracks, blisters or cavities may appear. Also, the skin may not get detached from the foam layer. The maximum length reduction is 5%.