

Technical Data Sheet

GWE NORESTA®



Product description:

Pressure-sealed well pipe with tight-fitting push-in sleeve connection.

Product properties:

- Material: PVC-U
- Construction lengths: 1-6 m
- Connection type: ZSM (tight-fitting push-in sleeve)

Advantages:

- Precision-worked sealing surfaces guarantee a tight connection resistant to interior and exterior pressure
- Reinforced wall pipe system suitable for insertion down to 200 m
- Fast, toolless installation due to tight-fitting push-in sleeve connection system



Technical data:

Load-bearing capacity and compressive strength

Nominal width [DN]	Solid-wall/filter pipe load-bearing capacity [kN]	Exterior compressive strength [N/mm ²]	Interior compressive strength [N/mm ²]
100	16/10	1.9	1.3
150	30/15	1.5	1.2
175	45/20	1,6	1,3
200	60/30	1.5	1.2
250	80/40	1.5	1.2
300	100/60	1.5	1.2
350	100/70	1.2	1.1
400	110/80	1.1	1.0

Dimensions and weights

Nominal width [DN]	Exterior Ø [mm]	Wall thickness [mm]	Test mandrel Ø [mm]	Outer-Ø across sleeve [mm]	Weight [kg/lfm]
100	113	7.0	94	134	3.5
150	165	9.5	140	194	6.9
175	195	11,5	163	225	9,8
200	225	13.0	188	262	12.8
250	280	16.0	236	320	19.6
300	330	19.0	281	370	27.4
350	400	21.5	342	450	37.7
400	450	23.5	387	475	46.4

Slot widths: 0.3* – 0.5 – 0.75 – 1.0 – 2.0 – 3.0 mm | *only up to DN 100

We recommend use of GWE lubricant with KTW approval for installation.