

VENT PIPE AND SCREEN / CASING

DATASHEET 1.42

VENT PIPE AND SCREEN / CASING



Applications

- Venting of chlorine gas generated in deep well / vertical anode ground beds.
- Lining of deepwell ground beds
- Monitoring tube for undertank reference electrodes

CASING & SCREEN WITH SMOOTH SURFACE IN ACCORDANCE WITH DIN 4925

NOMINAL DIAMETER	DIMENSION	OUTSIDE DIAMETER	INSIDE DIAMETER	WALL THICKNESS	WEIGHT	COLLAPSE RESISTANCE
ND (inch)	DN (mm)	DO (mm)	DI (mm)	S (mm)	Kg/m	bar
¾"	19*	27	22	2.5	0.3	102
1"	25*	33	25	4	0.5	70
1¼"	35	42	35	3.5	0.64	46
2"	50	60	52	4	1.0	23
3"	80	90	81	4.5	1.6	7
4"	100	113	103	5	2.5	6.4
4.5"	115	125	115	5	3	4.7
5"	125	140	126	7	4.05	7.4
6"	150	165	155	5	5.5	7.0
8"	200	225	203	11	10.0	6.5

- Manufactured to DIN 4925
- Produced to BS3505 & ASTM
- Diameters 27mm - 225mm
- Joints flush and BSP
- Slots 0.3 - 3mm
- Lengths 1.0, 2.0, 2.9, 3.0, 5.8m
- Colour blue
- Available with Geotextile Mesh



Collapse resistance

The maximum installation depth is determined by the collapse resistance and will vary up or down in accordance with actual ground conditions.

In solid unbroken strata, the suspended length equivalent to the joint strength can be approached or even exceeded if there is a high water table.

In unconsolidated formations, the installation depth is variable and consideration must be given to ground water and formation pressures and the presence, or otherwise, of a gravel pack.

During grouting, consideration must be given to temperature increase and density. Values for collapse resistance are determined using the minimum wall thickness and average modulus of elasticity and are based on testing and theoretical calculations in accordance With BS 879 Part 2 for casing.



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