

TECHNICAL DATA SHEET

INCLINOMETER PIPES

**Description**

The inclinometer pipe is a pipe with four grooves designed to guide the inclinometer probe. It can be made of Aluminium or ABS and is available in 3-meter-long sections, which are joined together to form a column.

Inclinometer pipes are typically installed in vertical or slightly inclined boreholes. In case of retaining structures such as piles, diaphragms, or sheet piles, they are pre-assembled and inserted during construction.

The coupling sleeves ensure the proper connection of the pipe sections while maintaining the alignment of the grooves.

A bottom plug, which prevents grout from entering during the grouting phase, and a protective top cap complete the column.

Technical specifications**MATERIAL****Aluminium****ABS**

Internal diameter of the pipe

76,1 mm

60 mm

Maximum external diameter of the pipe

86,4 mm

70 mm

Bar length

3 meters

3 meters

Wall thickness of the pipe

2,2 mm

4,3 mm

Torsion of the bar

<0,5°/m

<1°/m

Internal diameter of the coupling

81,0 mm

68 mm

External diameter of the coupling

92,0 mm

75 mm

Coupling length

30 cm

30 cm

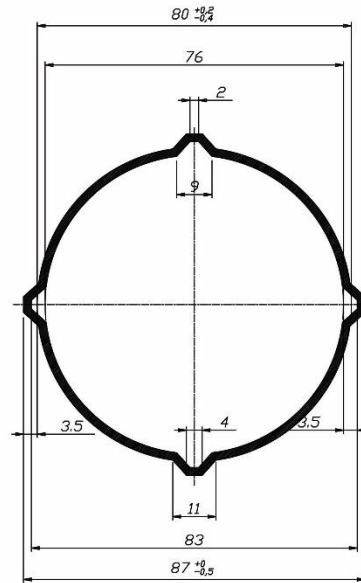
Bottom plug and top cup

PVC

PVC

All information contained in this document is deemed accurate and provided for information purposes only. Pancera Tubi does not provide any guarantee of any kind and does not assume any responsibility for the results obtained through the application of such information. Since the conditions of use of this product are beyond Pancera Tubi's control, the product is sold provided that the buyer carries out its own test to determine its suitability for the needed application. The purchaser assumes all risks relating to the use and handling of this product.

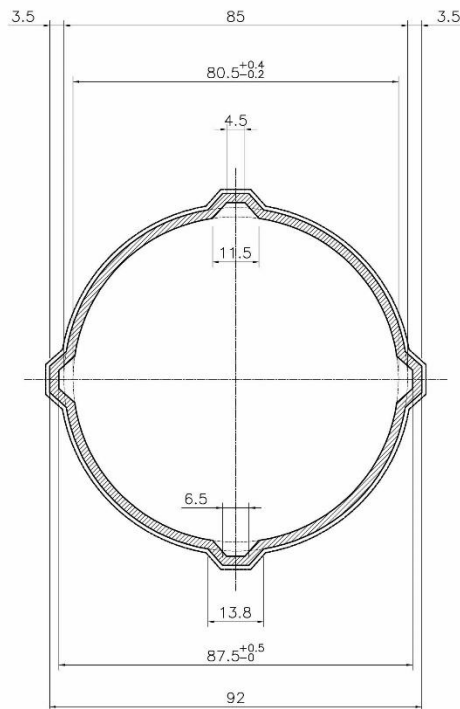
2 mm WT PIPE



UNI TOLERANCES 3991 - 3817 - 18 - 20 - 21 - 22 - 79

Profile overall dimension	87 X 87
Circle circumference	87
Area mm ²	517
Weigth gr. / m.	1.396

2.25 mm WT COUPLING



DIMENSIONAL TOLERANCES UNI - EN 755-9

Profile overall dimension	92 X 92
Circle circumference	92
Area mm ²	617
Weigth gr. / m.	1.665

All information contained in this document is deemed accurate and provided for information purposes only. Pancera Tubi does not provide any guarantee of any kind and does not assume any responsibility for the results obtained through the application of such information. Since the conditions of use of this product are beyond Pancera Tubi's control, the product is sold provided that the buyer carries out its own test to determine its suitability for the needed application. The purchaser assumes all risks relating to the use and handling of this product.