

Technical specifications

BAT MkIII Filter Tips



BAT MkIII Std (#2-100)

General

The BAT MkIII Std Filter Tip has been designed as an all-round filter tip for installations, measurements and groundwater sampling in the saturated soil zone.

Filter tip body

Material: High-strength thermoplastic POM H

Filter

Material: Porous, polyteten plastic

Filter dimensions: Height: 35mm, diameter: 31,5mm

Coeff. of permeability: Approx. 1×10^{-5} m/s

Installation

Method of installation: Normally "push-in" installation in fine-grained soils.

Installation force: Max. 25 kN in fine-grained soils.



BAT MkIII SS (#2-101)

General

The BAT MkIII SS Filter Tip, which has a replaceable filter, has been designed for installations, measurements and groundwater sampling in the saturated soil zone. The body of stainless steel, allows extra installation force for "push-in" installations in fine-grained soils.

Filter tip body

Material: Stainless steel SS 2343

Filter

Material: Porous, polyteten plastic

Filter dimensions: Height: 20 mm, diameter: 31,5mm

Coeff. of permeability: Approx. 1×10^{-5} m/s

Installation

Method of installation: Normally "push-in" installation in fine-grained soils.

Installation force: Max. 100 kN in fine-grained soils.



BAT MkIII Vadose Filter Tip (#2-102)

General

The BAT MkIII Vadose Filter Tip. This filter tip has a body of high-strength thermoplastic and a replaceable, fine-porous ceramic filter. The BAT MkIII Vadose functions as a tensiometer and is thus designed for installations and measurements in the unsaturated soil zone

Filter tip body

Material: High-strength thermoplastic POM H

Filter

Material: Fine-porous ceramic

Filter dimensions: Height: 35 mm, diameter: 25,5 mm

"Bubbling pressure": Approx. 15 m H₂O

Coeff. of permeability: Approx. 1×10^{-7} m/s

Installation

Method of installation: Normally, push-in installation in a pre-augered hole.



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