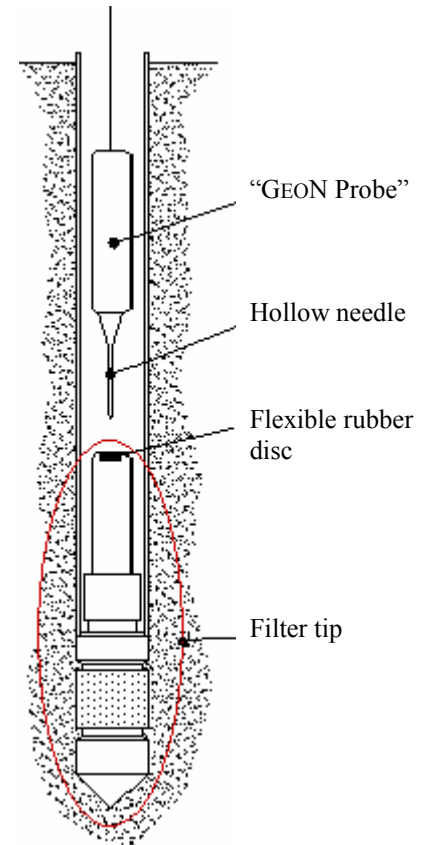


GeoN Filter tips

for groundwater/gas sampling and for measurements of pore pressure and permeability



Today, there are six types of GeoN filter tips. Four of the most commonly used are shown in the picture above. From left to right:

- GeoN Groundwater Tip/plastic, art no 4-411. Body as well as filter is made of HDPE. This tip is mainly used for permanent installations at waste deposits. Installation is performed by use of solid/hollow stem auger or by casing.
- GeoN Groundwater Tip/SS (stainless acid proof steel), art no 4-150. Protected filter made of HDPE or sintered/mesh steel (stainless, acidproof). Installation is performed by use of a hydraulic pusher, e.g. CPT. Maximum pushing force allowed is 30 ton. GeoN Groundwater Tip/SS is removed after sampling, is carefully cleaned and is re-installed in another point or at another depth.
- GeoN Tips for measurement of pore pressure and permeability (the two tips to the right). Made of plastic (art no 4-111) and of stainless, acidproof steel (art no 4-132). For the steel tip, a ceramic filter is optional in order to measure negative pore pressure (vadose zone measurements). Installation is usually performed by pushing. A tip with a ceramic filter should however be installed by pre-drilling in order to protect the filter