

CHEMICAL GROUTING



Chemical grouting can be used to stabilize soils for tunneling, control water seepage, and provide excavation support. Chemical grout is injected under pressure in order to permeate soils and create a homogenous mass with increased strength and reduced permeability.

In many applications, a sleeve port pipe (Tube-a-Manchette), containing rubber sleeves over predrilled holes, or ports, for injection, is installed into a drilled hole. This allows the chemical grout to be injected at discrete locations along the sleeve port pipe. The rubber sleeves are equally spaced and permit multiple grout injections through the same sleeve.

The more commonly used chemical grouts include polyurethane, epoxy, sodium silicate and acrylamide/acrylate.

- ▲ Comprehensive line of chemical grout pumps delivering in excess of 20 gpm (75 lpm).
- ▲ Custom built, semi-automated, high volume batch plants.



Advanced Construction Techniques
Toll Free 1-877-373-7248
www.agtgroup.com

Providing innovative design-build seepage and ground modification solutions for more than 20 Years