

TUNNEL-GEL[®] MAX



TUNNEL-GEL MAX is a specially formulated, high-yield Bentonite, designed for use in Tunneling and larger diameter HDD operations. TUNNEL-GEL MAX promotes rapid viscosity development while maintaining effective borehole stabilization and enhanced filtration control in most water-based drilling fluids.

Functions

- Viscosifies water-based drilling fluids.
- Reduces filtration by forming a thin filter cake with low permeability, resulting in borehole stabilisation.
- Improves hole-cleaning capability of drilling fluids.

Advantages

- Provides lubricity.
- Easy to mix, and quickly reaches maximum viscosity.
- Can be used in a wide range of concentrations.
- Effective in a variety of drilling applications.
- Provides the option of using various additives.

Approximate amounts of TUNNEL-GEL MAX viscosifier added to water-based fluids:

Normal drilling conditions	30 - 40 kg/m ³
Unconsolidated conditions	40 - 45 kg/m ³

