CETCO® GROUT
HIGH-SOLIDS POWDERED BENTONITE GROUT

DESCRIPTION
CETCO GROUT is a 20% solids, polymer-free, single-component, easy-to-use sodium bentonite grout available in powdered form. CETCO GROUT allows placement in a low viscosity state. CETCO GROUT is certified to NSF/ANSI/CAN Standard 60, Drinking Water Treatment Chemicals - Health Effects.

RECOMMENDED USE
CETCO GROUT is designed for grouting waterwells and monitoring wells and for decommissioning abandoned wells and boreholes. It forms a low-permeability, flexible seal.

CHARACTERISTICS
- Generates no heat during curing; will not damage casings
- Low permeability; laboratory results range from 1 x 10^-7 to 1 x 10^-8 cm/sec
- Physically stable; will not flow through highly permeable soil
- Protects the aquifer from surface water intrusion
- Remains flexible; maintains putty-like consistency over time
- Single bag for easy one-step mixing

MIXING AND APPLICATION
Add one 50 lb (22.7 kg) bag of CETCO GROUT to 24 gallons (91 liters) of freshwater to produce 3.5 ft^3 (0.1 m^3) of grout. Once mixed to proper consistency, CETCO GROUT should be pumped through a tremie pipe with a positive displacement pump from the bottom of the well up to the surface. Pumping should continue until the grout at the surface reaches the initial mud weight of 9.4 lbs/gal (0.63 kg/m^3).

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Density</td>
<td>70.3 lbs/ft^3 (1.12 kg/L)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.6 g/cm^3</td>
</tr>
<tr>
<td>pH</td>
<td>8.0</td>
</tr>
</tbody>
</table>

PACKAGING
~50 lb (~22.7 kg) bag, 48 per pallet. All pallets are plastic-wrapped.