

# BENTONITE TABLETS



## **Volclay® Tablets:** Bentonite Tablets 1/4", 3/8" & 1/2"

**Description:** Volclay. Tablets are organic free, high-swelling pure sodium bentonite. Tablets are compressed into 1/4", 3/8", and 1/2" diameters.

### **Recommended Use:**

Volclay. Tablets are designed for use in the groundwater monitoring industry to form a chemically resilient, low-permeability, flexible seal. Tablets isolate screened intervals of monitoring wells and provide an excellent seal for abandoned boreholes. 1/4" tablets are ideal for tight annular spaces, while 3/8" and 1/2" tablets are useful for larger boreholes.

### **Characteristics:**

- Chemically stable. Results from EP Toxicity Metals Analysis are below RCRA limits for hazardous constituents.
- Permeability range of  $1 \times 10^{-7}$  to  $1 \times 10^{-9}$  cm/sec.
- Will swell to 10 to 15 times their dry volume when hydrated with fresh water.
- Self-sealing; remain flexible when saturated and will rehydrate.

### **Mixing and Applications:**

For shallow applications, add Volclay. Tablets slowly and steadily to prevent blocking and bridging. For deep applications, tablets may be tremied into place. Tablets are added and water or air is pumped down the tremie pipe, delivering the tablets to the desired depth quickly and accurately.

**Bulk Density :** 1/4"= 80.72 lbs./ft<sup>3</sup>; 3/8"= 79.42 lbs./ft.<sup>3</sup>; 1/2"= 75.99 lbs./ft<sup>3</sup>

**Packaging:** 50 lb. plastic pails, 36 pails per pallet. All pallets are plastic-wrapped.

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