



ENVIROPLUG[®] TABLETS AND COATED ENVIROPLUG[®] TABLETS

ENVIROPLUG[®] TABLETS

ENVIROPLUG[®] TABLETS are manufactured for use in piezometer holes, monitor wells and other sealing and plugging applications and are available in 1/2", 3/8", and 1/4" sizes. ENVIROPLUG[®] TABLETS swell in water to more than 10 times their original volume.

ENVIROPLUG[®] TABLETS should be poured directly into the hole or may be placed by the tremie method. Since the result desired is actually a "bentonite pack", some care must be used in placing the tablets to prevent bridging, just as in gravel packing. The tablet seal or plug should be placed against a clay or other impervious formation. Tablets should be allowed to hydrate 1 to 2 hours before a bentonite grout medium is installed. If a cementitious grout is being used allow 2 to 4 hours for hydration as cement can restrict or prevent proper bentonite hydration.

PRODUCT CHARACTERISTICS:

- Clean, dust-free and easy to handle
- Non-toxic, non-polluting

MATERIAL SPECIFICATIONS:

- Permeability 1×10^{-8} to 1×10^{-9} cm/sec
- Make-Up Sodium Montmorillonite
- Bulk Density 75 to 80 pounds per cubic foot
- Color Gray to grayish tan

COATED ENVIROPLUG[®] TABLETS 1/4" & 3/8"

COATED ENVIROPLUG[®] TABLETS allow for deeper, more predictable placement of bentonite tablets. The coated exterior prevents the "sticky rind" from forming once water contacts the bentonite. Because hydration time is retarded, the COATED ENVIROPLUG[®] TABLETS can be placed through a tremie line assisting in predictable placement. They make a high density, low permeability seal between sand packs and high solids bentonite grouts or cement grouts or to isolate screen sections in multi-completion walls.

Once in place, the COATED ENVIROPLUG[®] TABLETS should be allowed to hydrate for 4 to 6 hours before a bentonite grout medium is installed. If cementitious grout is used allow 6 hours. They can be used in conjunction with steel or PVC casing and generate no heat while hydrating.

APPLICATION RATES:

Hole Diameter	CASING SIZE		
	2 Inch	4 Inch	6 Inch
4 inch	0.4 gal/ft	NA	NA
6 inch	1.3 gal/ft	0.7 gal/ft	NA
8 inch	2.3 gal/ft	1.8 gal/ft	0.8 gal/ft
10 inch	3.8 gal/ft	3.2 gal/ft	2.3 gal/ft

ENVIROPLUG[®] TABLETS are packaged in 50 pound plastic pails.