



# PLUGZ-IT™ MAX



## Product Information

### Description

**PLUGZ-IT™/MAX** is a lost circulation material designed to mix and pump with a drilling fluid into cobble, gravel, or fractured zones to restore mud circulation. It readily seals off coarse gravels, fractured formations, and other profiles where mud-loss is a problem. **PLUGZ-IT™/MAX** can be placed directly through the jets in the bit provided they are a minimum of 3 mm or 1/8" in size. **PLUGZ-IT™/MAX** is environmentally safe and non-toxic.

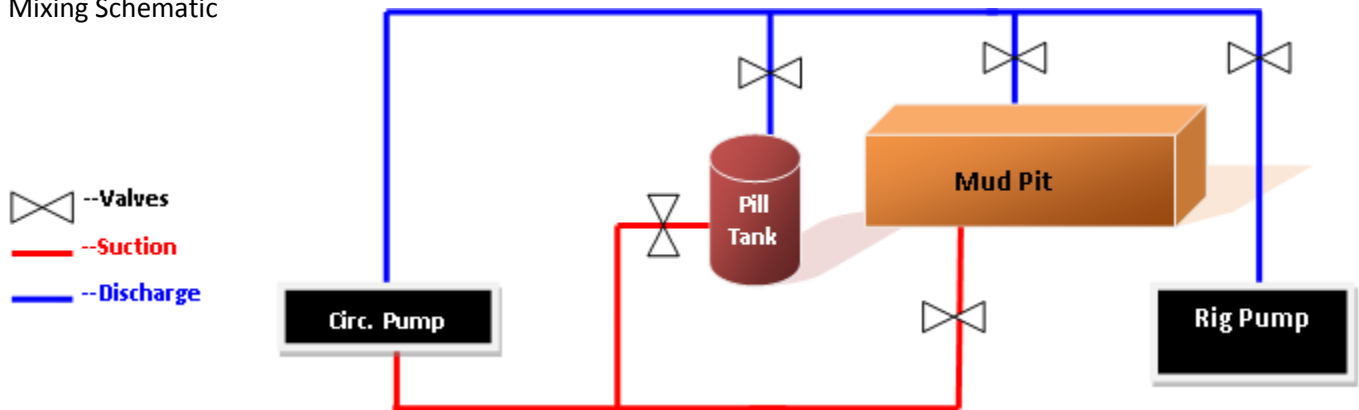
### Application

As a Pill: In a separate ("pill") tank, mix **EXTRA HIGH YIELD™** to a Marsh Funnel Viscosity of 45 to 65 seconds. Add **PLUGZ-IT™/MAX** at a rate of 20 to 40 pounds per 100 gallons. Mix in small batches, 50 to 100 gallons at a time.

1. Add **PLUGZ-IT™/MAX** slowly into "Pill" tank and circulate for 1 to 2 minutes.
2. Once the appropriate quantity is added, quickly pump from the "Pill" tank into place, pulling the drill steel back slowly as the mixture is pumped into the loss zone.
3. Pump pressure should remain elevated while pumping to insure **PLUGZ-IT™/MAX** is being squeezed into fractured or unconsolidated zones.
4. Once all the materials is in place, pullback 5 to 10 feet and continue to pump in order to purge the drill string. Once in place the **PLUGZ-IT™/MAX** pill should set for 20 to 30 minutes, allowing for complete hydration and swelling to take place. Circulation should be restored at this point.
5. Advance back into the hole slowly, using low pump pressure, circulating as you progress and continue the drilling operation. If mud loss is still a problem, repeat the process.

At this first sign of mud loss, **PLUGZ-IT™/MAX** can be added slowly at the suction to be carried by the fluid into the loss zone.

### Mixing Schematic



### Packaging

**PLUGZ-IT™/MAX** is conveniently packaged in 30-pound multi-walled paper bags.

4351/201302

WYO-BEN, INC., Billings, Montana

800.548.7055

406.652.6351

[www.wyoben.com](http://www.wyoben.com)

The information and data made herein are believed to be accurate. As Wyo-Ben, Inc. has no control over use or application of this product, it is sold without warranty or guarantee of results.