

MAGMA FIBER

MAGMA FIBER is a specially formulated acid-soluble mineral fiber made by extrusion-spun molten rock. The coarse, long, flexible fiber helps to regain circulation losses by bridging and plugging off voids, fractures, and highly permeable formations.

APPLICATIONS MAGMA FIBER can be mixed in low concentrations directly into the active system for seepage losses or in higher concentrations in loss circulation “pills”.

It can be mixed with any drilling fluid additives and works well with other lost circulation materials.

- ADVANTAGES**
- Effectively bridges across loss zones
 - Can be pumped through mud motors
 - Acid-soluble
 - Non-toxic

TYPICAL USE

Typical Amounts of MAGMA FIBER Added to fluid system			
Drilling Application/Desired Results	lb/100 gal	lb/bbl	kg/m ³
Partial – Total losses	10 – 38	5.5 – 16	15 – 45
Ongoing seepage	1/2 bag every 30 minutes		
MAGMA FIBER is most effective when added from the top of the mud tank or pill tank into high agitation. It can also be added through the hopper but is a slower process.			

TYPICAL PROPERTIES

Physical appearance	White-gray fiber
Specific gravity	2.6
Solubility	Insoluble

AVAILABILITY MAGMA FIBER is available in COARSE and FINE.

PACKAGING MAGMA FIBER COARSE is packaged in 30-lb (14-kg) paper bags, at 32 bags per pallet
 MAGMA FIBER FINE is packaged in 25-lb (11-kg) paper bags, at 40 or 48 bags per pallet