



TETRA Magmafiber

MICROFIBER BRIDGING AGENTS

Overview

TETRA Magmafiber fine and regular grades are acid soluble, specially formulated, extrusion spun mineral fiber lost circulation material (LCM). These coarse, long flexible fibers will improve circulation of drilling or completion fluids by bridging and plugging off voids, fractures and all types of permeable formations. TETRA Magmafiber lost circulation material is compatible with oil and water-based mud systems as well as brine based drill-in and completion fluids.

Features and Benefits

- Acid soluble
- Inorganic and non-fermenting
- Temperature stable
- Contains no asbestos
- Non-toxic and non-polluting
- Non-corrosive
- Easily wetted
- Non-combustible

Applicable Information

TETRA Magmafiber can be used for seepage control, bridging, plugging voids and fractures, and during workover operations. TETRA Magmafiber is a compatible additive for oil-based muds, water-based muds, brine-based muds, completion fluids, and in cement.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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Physical Properties

Appearance	Gray white fiber
Incompatibilities	none
pH	7.0 to 8.0
Specific Gravity	2.6
Water Solubility	<0.2%

Packaging Information

25 pound bag, 48 bags per pallet
30 pound bag, 32 bags per pallet

Recommended Treatment

TETRA Magmafiber can be used in concentrations of up to 30 pounds per barrel in slug treatments or as an additive to the entire system. It has been used in concentrations of 0.5 bag every 30 minutes for ongoing seepage to concentrations of 5 to 15 pounds per barrel to reduce seepage, partial or total losses.

When more than 6 to 10 bags are mixed at once, someone should be at the shale shaker when the pill returns to clean or bypass the shaker screen. Magmafiber LCM should be added directly into the pits and "gunned" or agitated into the fluid. The product can be mixed through the hopper, but this process is much slower. Consult a TETRA representative for specific recommendations.