



ThinFrac™ MP

IMPROVE THE EFFICIENCY OF SLICKWATER FRACTURING OPERATIONS

ThinFrac Maximum Permeability (MP) friction reducer provides instantaneous hydration.

APPLICATIONS

- Slickwater fracturing operations
- Energized slickwater fracturing operations
- Linear gel applications
- Foamed applications

FEATURES & BENEFITS

- Reduces pipe friction by up to 85%
- Anionic formulation allows rapid hydration in 8 to 10 seconds in cold water
- Compatibility with fresh water, brines, and low pH-fluids, reducing water management and disposal costs and logistics
- Low pour point enables application in cold weather
- Its liquid state enables fast, accurate metering and mixing

OVERVIEW

ThinFrac Maximum Permeability (MP) friction reducer is a high-viscosity yielding and cost-effective polyacrylamide polymer. It allows efficient hydration and develops nearly instantaneous viscosity, in slickwater fracturing operations. It reduces pipe friction pressure by as much as 85% compared, lowering hydraulic horsepower requirements and improving operational efficiency.

TYPICAL PROPERTIES

APPEARANCE	OFF-WHITE LIQUID
SPECIFIC GRAVITY	1.06 G/CC ± 0.1
POUR POINT	<-20° /F (-29°C)
SOLUBILITY	WATER
IONIC CHARGE	ANIONIC

