



N-SEAL™

Lost Circulation Material

Description N-SEAL™ acid soluble lost circulation material is specially formulated, extrusion-spun mineral fiber. Due to its solubility in weak acids, N-SEAL lost circulation material is easily removed from production zones.

Applications/Functions N-SEAL lost circulation material can be used as an additive for loss of circulation in concentrations up to 70 lb/100 gallons (86 kg/m³).

- Advantages**
- NSF/ANSI Standard 60 certified
 - Acid soluble
 - Can be easily wetted
 - Inorganic and non-fermenting

- Typical Properties**
- | | |
|--------------------|---------------------|
| • Appearance | Gray to white fiber |
| • Specific gravity | 2.6 |

Recommended Treatment N-SEAL lost circulation material can be added directly through the hopper.

- For normal treatment to the active system, add 5-20 lb/100 gallons drilling fluid (6-24 kg/m³)

- As a pill, add 20-70 lb/100 gallons of drilling fluid (24-86 kg/m³)

N-SEAL lost circulation material is 95% acid soluble. To dissolve 1 lb of N-SEAL lost circulation material treat with either:

- 1-2 lb AQUA-CLEAR® MGA modified granular acid (1-2 kg/kg)
- or**
- 0.5-1 gal of 10% HCl/5% Acetic acid blend (1-2 liters/kg)

Packaging N-SEAL lost circulation material is packaged in 30-lb (14 kg) multiwall paper bags.

Availability N-SEAL lost circulation material can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products
Product Service Line, Halliburton**
3000 N. Sam Houston Pkwy E.
Houston, TX 77032

Customer Service	(800) 735-6075 Toll Free	(281) 871-4612
Technical Service	(877) 379-7412 Toll Free	(281) 871-4613