



# 40/70

This is Tier 1, natural frac sand. It's sub-angular shape, monocrystalline structure, and ISO compliant sizing create a product with superior conductivity and crush resistance compared to other silica sands.

### APPLICATIONS AND BENEFITS

- For use in oil and gas wells: enhanced conductivity and crush resistance to minimize production declines over time
- For use in industrial and recreation applications: spherical silica sand that is less abrasive and provides better drainage

**Closure Stress**  
Up to 9,000 psi  
(62.1 MPa)

**Maximum Recommended Temp**  
250°F  
(121°C)

### PHYSICAL PROPERTIES

Mesh Size	Specific Gravity	Bulk Density lb/ft3	Bulk Density g/cm3	Kumbein Roundness	Kumbein Sphericity	Turbidity (NTU)	Crush Resistance K-Value
40/70	2.61	91.71	1.47	0.7	0.7	37	9K

### CONDUCTIVITY (MD/FT), 50 HOURS @ 150 DEGREES F

Closure Stress	2,000	4,000	6,000	8,000
40/70	1,321	903	438	190

For more information contact [sales@silicaservicesinc.com](mailto:sales@silicaservicesinc.com)

GRADE NUMBERS INDICATE RELATIVE VALUES OR RESULTS. THEY ARE NOT A SPECIFICATION OR WARRANTY OF PERFORMANCE.

HEALTH HAZARD WARNING: Prolonged inhalation of dust associated with the materials described in this data sheet can cause delayed lung injury including Silicosis, a progressive, disabling and sometimes fatal lung disease. IARC and NTP have determined that crystalline silica can cause lung cancer in humans. Risk of injury is dependent on the duration and level of exposure. Follow OSHA or other relevant safety and health standards for the form of crystalline silica called Quartz. Current safety data sheet, containing safety information, is available and should be consulted before usage.

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