



# PROPELLANEX

## VULKAN-325

VULKAN-325 is a high-energy rifle propellant engineered for full-power battle rifle and machine gun cartridges. It is optimized for consistent performance in 7.62 NATO, 7.62×54R, and .30-06 under varied environmental conditions.

### APPLICATION

Designed for 7.62 NATO, 7.62×54R, .30-06 Springfield, and similar calibers. Suitable for use in sniper rifles, general-purpose machine guns, and precision bolt-action systems.



[WWW.PROPELLANEX.COM](http://WWW.PROPELLANEX.COM)

### CHEMICAL AND PHYSICAL PROPERTIES

PROPERTY	SPECIFICATION
Composition	Single-base nitrocellulose
Grain Geometry	Tubular stick, precision-cut
Coating	Graphite surface coating
Stabilizer	Centralite-type compound
Vieille Test (Initial)	≥7 hours at 106.5 °C
Vieille Test (10x Repeat)	≥60 hours at 106.5 °C

### CHEMICAL AND PHYSICAL PROPERTIES

METRIC	VALUE
Nominal Charge Weight	3.0 g
Test Barrel Length	730 mm
Muzzle Velocity	830 ± 5 m/s
Standard Deviation	≤ 5 m/s
Mean Max Pressure (Copper Crusher)	≤ 274.8 MPa
Max of Max Pressure (Copper Crusher)	≤ 294.2 MPa

### PACKAGING

Supplied in 25 kg sealed steel drums and 250 kg fiber-reinforced polymer drums. Custom palletization for long-range shipment available.

### STORAGE AND SAFETY

Handle with care. Keep away from open flame and impact sources. Store in compliance with local and international explosives regulations.

