



MatrEX™

NEW
IN 2026



MatrEX™ Gel is a nitromethane-based binary explosive, packaged in a two-part cartridge system that is non-explosive until mixed. Once combined, it forms a gelatinous, high-energy explosive optimized for dynamic disruption tools and standard demolition and breaching configurations. MatrEX™ reduces shape-charge build time by up to 66%, maintains long-term stability when stored airtight, and ships under Class 3 (flammable liquid) classification-avoiding costly explosive hazmat fees. Available in 50g, 530g, 940g cartridges, and in drums – MatrEX™ delivers safe, consistent, and reliable performance regardless of the industry it's being used in.

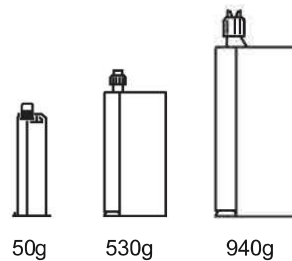
ORDER CODE

- MTXLT10
- MTXLT50
- MTXMD15
- MTXHV10
- MTXDRM

TECHNICAL SPECIFICATIONS

Net Explosive Weight (N.E.W) per case	
50g Cartridge (10 units or 50 units)	590g or 2948g / 1.3lbs or 6.5lbs N.E.W
530g Cartridge (15 Units)	9.05kg / 19.95lbs N.E.W
940g Cartridge (10 Units)	10.7kg / 23.6lbs N.E.W
R.E. FACTOR	1.14
DETONATION OF VELOCITY	6,200 m/s
DENSITY	1.10 g/ml
CRITICAL DIAMETER	3/8" un-boosted / 1/4" boosted
VISCOSITY	Over 2 million cPs*
SENSITIVITY	#7 & #8 Standard blasting cap Standard 50 gr/ft detonation cord
SAFETY	~300x less sensitive than Comp C-4
HAZARDOUS MATERIALS CLASSIFICATION	Class 3.1, Flammable liquid

FEATURES



Suitable Environments for MatrEX™ Gel

- Military (EOD, Breaching, etc)
- Law Enforcement
- Mining Operations
- Drone Operations
- Civil Engineering
- Avalanche & Natural hazard control
- Agriculture

Note: MatrEX™ products are intended for use only by authorized, trained personnel and agencies operating under applicable laws, regulations, and safety protocols; this informational sheet does not provide operational guidance or instructions.

Dispenser sold separately

*Viscosity is based upon the best technical data available

EOTECHINC.COM

EXPORT RESTRICTIONS: This document consists of basic marketing information that is not defined as technical data under ITAA Part 120.10. Export of this product is regulated by the U.S. Department of State in accordance with guidelines of International Traffic Arms Regulations (ITAA) Specifications 818 approximate and subject to change without notice. EOTECH LLC does not authorize any of its dealers or distributors to export this commodity without prior, written authorization, and will not provide warranty or post-sales support of unauthorized International exports.

© 2026 EOTECH, LLC.
All rights reserved. EOTECH®, HWS®, Vudu®, Vudu X®, EFLX®, OGLII®, OCBL®, EOTAK® & MatrEX™ are registered trademarks of EOTECH, LLC.

CONTACT
469 00 Port Street
Plymouth, MI 48170 USA
+1-888-368-4656

EOTKC01
12.19.2025