



NITROFILM™

for military applications



Nitrofilm™ for military applications

- Unique and patented technology to secure or boost your product
- High performance and tactical robustness whatever the application and its environment (air, sea, land): 60 /81 / 120 mm mortar increments and various pyrotechnical devices (e.g disks, seals and pyrotechnical igniters for missile and bomb launchers)
- Various types and shapes as well as customer specific solutions



Application and user's advantages

- **Combat proven** technology with users in Europe, North America, Middle-East and Asia.
- High performances for mortar systems: quick and easy firing, simple logistics, increased range, waterproof design, resistant to extreme climatic conditions...
- **Increased product lifecycle** (stability with propellant).
- **Few residue.**



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Product Description:

- EURENCO designs, manufactures and sells nitrofilm in rolls, sheets, disks and various customer specific shapes.
- Nitrofilm has an excellent combustibility thanks to a higher content of nitrocellulose (>85%) than other technologies and a specific plasticizer and stabilizer.
- Nylon reinforced nitrofilm is available to increase tactical robustness (water proof, thermal stability in severe climatic conditions, battlefield use) and product lifecycle.



Product characteristics¹:

Nitrocellulose content	>85%
Middle nominal thickness (mm) and/or nylon reinforced)	From 0,1 to 1 (cast, glued)
Combustion rate (10-3 m/s) @ Patm	10 to 20
Combustion residues (%) @ Patm	10 to 20
Heat stability test @ 134,5°	≥30 mn
Water permeability (g/m ² /24h)	<15
Transport classification	4.1 flammable solid

¹ standard characteristics depending on variant and thickness.



30 avenue Carnot - 91300 - Massy - France
Tel.: +33 (0)1 80 00 21 90 - Fax: +33 (0)1 80 00 21 91
E-mail: eurenco@eurenco.com - www.eurenco.com