



# HEXOSHEET<sup>®</sup>



## Enhanced Performance Sheet Explosive

At the leading edge in the field of Plastic Bonded eXplosives material (PBX), EURENCO has developed a brand new range of demolition products for civilian or military applications such as breaching, cutting, demilitarisation, etc. HEXOSHEET is our new sheet explosive. RDX based, it provides high detonation performance and exhibits extremely good flexibility with no cracking even at low bending radius.



### Application and user's advantages

- Enhanced performance Plastic Explosive (RDX based)
- Thermoset plastic material; usable at all temperature
- Increased flexibility for multiple uses; easy to handle and cut manually
- Totally compliant with new international requirements on the marking of Plastic Explosives (Montreal Convention).



# HEXOSHEET®

Enhanced Performance Sheet Explosive

## Product Description

- Composition: 85% RDX, Polymeric Binder
- Chemical marking agent: DMNB  $\geq$  0.1%
- Sizes:  
210 x 297 mm x 3 mm (A4 format)  
400 x 250 mm x 3 mm
- With or without double-sided adhesive tape for fixation
- Colour : White

## Product Characteristics

- Velocity of detonation: 8000 m/s
- Density: 1.58
- Friction sensitivity: 230 N
- Shock sensitivity (30 kg drop hammer):  
No propagation height:  $\geq$  4 m  
No reaction height: 2.50 m
- Progressive heating, auto-ignition temperature: 210°C
- Transport classification: 1.1D
- Temperature of use: - 40°C to + 63°C
- Storage Temperature: - 46°C to + 71°C



**Based on modern know-how of plastic binder systems, our PBX technology introduces unique advantages such as:**

- Increased flexibility even at very low temperature
- Extended shelf life (up to 20-year in normal storage conditions)
- No residue of exudation (contains no liquid or melting component)

 **EURENCO**  
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