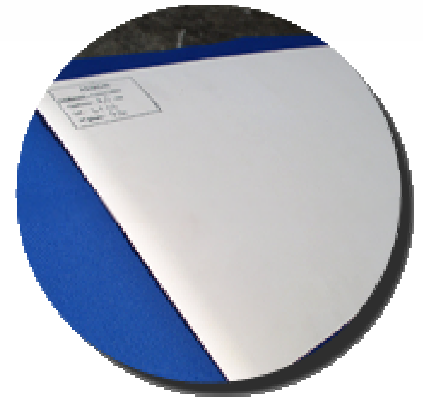


At the leading edge in the field of cast PBX charges, EURENCO offers its customers a wide range of innovative products for civil or military applications of demolition, breaching, cutting: sheet explosives (FORMEX, SESAMEX and HEXOSHEET®), flexible linear cutting charge (FLEXICUT®) and plastic explosives (HEXOMAX® and HEXOTUBE®).



PRODUCT

- Commercial name: FORMEX
- Flexible sheet explosive made of:
 - 89 % PETN
 - 11 % binder (natural rubber)
- Choice of 10 different thicknesses: from 1 mm to 10 mm

DIMENSIONS

Standard dimensions of FORMEX are based on thickness:

Nominal thickness (mm)	Thickness tolerance	Width (m)	Length (m)
1 – 1.5	± 20 %	0.25	0.50
2 – 3 – 4 – 5 – 6 – 7 – 8 and 10	± 10 %	0.50	1

CHARACTERISTICS

- Density (depending on thickness):
From 1.2 (for 10 mm) to 1.4 (for 1 mm)
- Detonation velocity:
 - ≥ 6 200 m/s for thickness 8, 10 and 0.5 mm
 - ≥ 6 500 m/s for thickness ≤ 6 mm
- Friction sensitivity: 111 N
- Electrostatic sensitivity: 726 mJ
- Shock sensitivity (30 kg drop hammer):
 - No propagation height: 3 m
 - No reaction height: 2.75 m
- IAD (card GAP test): 295
- Slow cool off: 170°C
- Thermal stability: Stable
- Transport classification: 1.1D

USES

FORMEX is used by Military and Special Forces for all works of demolition, window cutting, etc.

It is also used to manufacture SESAMEX, a flexible and self-adhesive explosive tape based system for cutting out openings in various types of barriers.

EURENCO

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