

PRIMASHEET® 1000 Flexible Explosive (DETASHEET® Flexible Explosives)



PRIMASHEET® 1000 Flexible Sheet Explosive (DETASHEET® Flexible Explosive) is a waterproof PETN-based (63% nominal) flexible sheet explosive. It is manufactured as a continuous roll of varying lengths and thicknesses for a wide range of applications. It is Type Classified and qualified to MIL-PRF-46676 for use by US Military and International Forces.

APPLICATION:

Due to its consistent performance and properties, Primasheet® 1000 fulfills a wide variety of uses in military demolition applications and commercial explosive hardening of metals. Both commercial and military configurations are available.

- Breaching
- Military demolition
- Ordnance disposal
- Metal hardening
- Metal forming and welding

PROPERTIES:

- VOD: 7,100 m/s (nominal)
- Density: 1.44 g/cc (nominal)
- Operating temperature: -40°F to 165°F (-40°C to 74°C)
- Bullet-impact insensitive
- Compliant with Montreal Protocol



EX-9304026
Explosive, Blasting, Type D, UN0084
1.1D

PRIMASHEET® 1000 FLEXIBLE EXPLOSIVE (DETASHEET® FLEXIBLE EXPLOSIVE)

EBAD™ PART NUMBER	WEIGHT GM/IN2	THICKNESS (NOMINAL)		ROLLS PER BOX	WEIGHT PER ROLL		ROLL LENGTH (NOMINAL)	
		IN	MM		LB	KG	FT	M
D11069A042P1HA-1B*	1	0.042	1	2	10	4.5	38	11.6
D11069A062P1HA-1B*	1.5	0.062	1.5	2	10	4.5	24	7.2
D11069A083P1HA-1B*	2	0.083	2	2	20	9.1	38	11.6
D11069A125P1HA-1B*	3	0.125	3	2	20	9.1	25	7.6
D11069A166P1HA-1B*	4	0.166	4	2	20	9.1	19	5.8
D11069A208P1HA-1B*	5	0.208	5	2	20	9.1	15	4.6
D11069A250P1HA-1B*	6	0.250	6	2	20	9.1	13	4.0
D11069A291P1HA-1B*	7	0.291	7	2	20	9.1	11	3.4
D11069A333P1HA-1B*	8	0.333	8	2	20	9.1	9	2.7

*Military packaging with wood overpack is also available (PN ending -2B, not listed in chart)

OPERATION:

Demolition/Breaching – Primasheet® 1000 is an excellent tool for general demolition applications. It can be easily cut to any desired shape and applied with adhesive or incorporated into a charge holder. The flexible sheet can be applied as strips directly on the target or used to improvise linear shape charges.

Metal Hardening – Primasheet® 1000 finds extensive use in hardening metals. Manganese steels can be hardened by detonating the flexible sheet in contact with the metal surface. This high-velocity hardening technique is used extensively in the railroad industry for metal track switches. Explosive joining and forming of metals can also be accomplished with Primasheet® 1000.

PACKAGING OPTIONS:

- Two shipping options are available.
- Military Pack - wood overpack box
 - Commercial Standard Pack - fiberboard box



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