PRIMASHEET® 1000 Flexible Sheet Explosive (DETASHEET® Flexible Explosive)

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 United States 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
• Skin severance charge

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

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.

NATIONAL STOCK NUMBER  
DODIC  
WEIGHT  
THICKNESS (NOMINAL)  
ROLLS PER BOX  
WEIGHT PER ROLL  
ROLL LENGTH

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