



**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



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

PRIMASHEET® 1000 FLEXIBLE SHEET EXPLOSIVE (DETASHEET® FLEXIBLE EXPLOSIVE)

| NATIONAL STOCK NUMBER | DODIC | WEIGHT gm/in ² | THICKNESS (NOMINAL) | | ROLLS PER BOX | WEIGHT PER ROLL | | ROLL LENGTH | |
|-----------------------|-------|------------------------------|---------------------|-----|---------------|-----------------|-----|-------------|------|
| | | | in | mm | | lb | kg | ft | m |
| 1375-01-565-8411 | M994 | C 1 | 0.042 | 1 | 2 | 10 | 4.5 | 38 | 11.6 |
| 1375-01-565-2743 | M993 | C 1.5 | 0.062 | 1.5 | 2 | 10 | 4.5 | 24 | 7.2 |
| 1375-01-562-3014 | M980 | C 2 | 0.083 | 2 | 2 | 20 | 9.1 | 38 | 11.6 |
| 1375-01-562-3220 | M981 | C 3 | 0.125 | 3 | 2 | 20 | 9.1 | 25 | 7.6 |
| 1375-01-568-2740 | M982 | C 4 | 0.166 | 4 | 2 | 20 | 9.1 | 19 | 5.8 |
| 1375-01-568-2737 | M983 | C 5 | 0.208 | 5 | 2 | 20 | 9.1 | 15 | 4.6 |
| 1375-01-562-3225 | M984 | C 6 | 0.250 | 6 | 2 | 20 | 9.1 | 13 | 4.0 |
| 1375-01-568-2729 | M985 | C 7 | 0.291 | 7 | 2 | 20 | 9.1 | 11 | 3.4 |
| 1375-01-568-2716 | M986 | C 8 | 0.333 | 8 | 2 | 20 | 9.1 | 9 | 2.7 |

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.

