



## Detonating Cord

EBAD is the leading supplier to the United States Military and International Forces. We have the capability to provide a range of detonating cord products.

**PRIMACORD®** Detonating Cords are flexible linear explosives with PETN explosive within a textile outer jacket.

**PRIMALINE®** Detonating Cords are flexible linear explosives with PETN explosive within a plastic outer jacket.

- Type 1E Military Cord is manufactured to MIL-DTL-17124
- PETN Cords are manufactured to MIL-P-387
- EBAD specifications apply for commercial products

### APPLICATION:

Detonating Cord is a universal high-explosive tool for a wide variety of applications:

- Signal transmission
- Demolitions
- Explosive disposal
- Breaching charges
- Bomb disruption
- Minefield clearance
- Obstacle breaching
- Multi-point initiation
- Plane wave generators
- Booster charges
- Ring manes
- Explosive testing
- Explosive characterization

### PROPERTIES:

- Reliable explosives
- Range of coreloads
- Waterproof



Type 1 Class E Detonating Cord

MSDS No:  
Dyno Nobel 1126

EX-9202035  
Cord, Detonating, UN0065  
1.1D

### DETONATING CORD

PRODUCT	CORELOAD		VELOCITY OF DETONATION (NOMINAL) M/SEC	OUTER LAYER	COLOR	SPOOLS/ CASE	LENGTH/ SPOOL		OUTSIDE DIAMETER (NOMINAL)	
	gr/ft	gm/m					ft	m	in	mm
PRIMACORD® 1	7.5	1.5	6,300	textile	yellow/black	2	2000	610	0.125	3.18
PRIMACORD® 2.5	12.5	2.4	6,300	textile	red/black	2	2000	610	0.110	2.8
PRIMACORD® 3	15	3.2	6,700	textile	red/black	2	2000	610	0.144	3.66
PRIMACORD® 4Y	18	3.6	6,700	textile	yellow/black	2	1000	305	0.142	3.61
PRIMACORD® 5	25	5.3	6,700	textile	red/black	2	1500	458	0.157	3.99
PRIMACORD® 10	50	10.6	6,700	textile	yellow/black	2	1000	305	0.185	4.70
PRIMALINE® 21	100	21.3	6,700	plastic	clear	2	800	244	0.23	5.84
PRIMALINE® 42	200	42.5	6,300	plastic	clear	1	1200	365	0.30	7.62
PRIMALINE® 85	400	85	6,300	plastic	light green	1	500	152.5	0.395	10.03
Type 1 Class E	54	11.5	7,000	plastic	green	3	1000	305	0.215	5.1

\* All weights and dimensions are approximate

### OPERATION:

- Transmits detonation wave from an initiation point (blasting cap) to the charge
- Simultaneously detonate multiple charges
- Used with plastic connectors/clips to connect branch lines for multiple events
- Initiated with military/commercial blasting caps or equivalent strength detonating cords and high-explosives
- Used to build reliable charges for cutting and breaching



### CONSTRUCTION:

- EBAD specifications apply for commercial products
- Available Explosives - PETN, PBXN-8, RDX
- Typical Textile Materials - Polyester, Rayon, Nylon, Polypropylene over-extrusion materials are Polyolefin, Polyethylene

**Packaging:** Standard Packaging

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