PRIMACORD®

Technical Information

Properties

	Primacord 4	Primacord 5
PETN Coreload (g/m)	3.6	5.3
Outside Diameter (mm)	3.6	4.0
Tensile Strength (kg)	68	68
Colour / Counter	Yellow / 1 Black	Red / 2 black
Spools per case	2	2
Length / Spool (m)	500	500

Description

PRIMACORD detonating cords are flexible linear explosives with a core of PETN explosive encased in a textile outer jacket which detonates along its entire length at a velocity of approximately 7,000m/s.

PRIMACORD detonating cords are designed for use as trunklines and/or downlines in various mining, quarrying and construction applications.

Features and Benefits

Used in combination with NONEL® MS Connectors™, PRIMACORD detonating cord can provide a safe, quick and reliable method of initiation. PRIMACORD detonating cord has excellent knot tying capabilities and a high tensile strength.

Hazardous Shipping Description

Cord, Detonating, 1.1D UN 0065

Dyno Nobel Asia Pacific Pty Limited (ACN 003 269 010) is a subsidiary of
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Recommendations

ALWAYS cut detonating cord with a sharp, non-sparking knife.

ALWAYS use square void possibility of cut-offs. knots to extend/join PRIMACORD4 and 5 detonating cords (they will propagate self to self). When connecting downlines to trunklines, always use a clove hitch knot and keep incoming and outgoing cords at right angles to avoid possibility of cut-offs.

ALWAYS Initiate PRIMACORD Detonating cord with Electric Super Starter.

ALWAYS use a No. 8 or stronger detonator to initiate PRIMACORD detonating cords if using detonators. The initiating detonator should be firmly attached along the detonating cord with adhesive tape in the direction of detonation.

ALWAYS attach the detonator approximately 100mm from an open end to avoid possible oil or water contaminated ends.

ALWAYS make connections using a double wrap clove hitch and made at right angles.

NEVER attempt to cut detonating cords by abrasion or with a blow from a sharp or blunt object.

NEVER cut detonating cord with devices such as scissors, pliers, cap crimpers, wire cutters or similar instruments that produce metal to metal contact.

It should be noted that certain explosive products are not compatible with all detonating cords. Please refer to the relevant product technical data sheet or contact your local Dyno Nobel representative for advice on product compatibility.

Recommendations (continued)

Water Resistance - Dyno Nobel detonating cord exhibits excellent resistance to water.

Temperature Range - Dyno Nobel detonating cord is recommended for use in up to 70°C temperatures.

Shelf Life - Dyno Nobel detonating cord has a recommended shelf life of five (5) years, when transported and stored under ideal conditions.

Sleep Time - The in-hole sleep time of Dyno Nobel detonating cord may be limited to the recommended sleep time of the explosive it is priming.

Safe handling, transportation and storage

First Aid – You can find detailed first aid information on the relevant Dyno Nobel Safety Data Sheet. Refer to www.dynonobel.com for more information if required.

Safety - All explosives are classified as dangerous goods and can cause personal injury and damage to property if used incorrectly.

Transportation and Storage - All explosives must be handled, transported and stored in accordance with all relevant regulations. Stock should be rotated such that older product is used first.

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