

PRIMALINE[®] 8HT

Technical Information



Detonating Cord



Product Description

PRIMALINE 8HT detonating cord is a PETN based detonating cord with selected grade materials and construction. PRIMALINE 8HT detonating cord was designed and tested for hot-hole mining conditions where temperature can reach 100° C (212° F). PRIMALINE 8HT was designed for use as a trunkline and/or downline in abrasive mining, quarrying and construction applications.

Application and Recommendations

- Minimum recommended initiating detonator is a No. 8 strength.
- Minimum recommended cord initiator is a 3.6 g/m (18 gr/ft) detonating cord, such as PRIMACORD 4Y or 4R, or another detonating cord with an equal or greater explosive coreload.
- **ALWAYS** cut detonating cord with a sharp, non-sparking knife. **NEVER** attempt to cut detonating cords by abrasion or with a blow from a sharp or blunt object.
- **ALWAYS** use square knots to extend/join detonating cords that 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.
- **NEVER** allow trunklines and/or downlines to cross.

Properties

MSDS
#1126

Explosive Coreload (g/m)	8.5
(gr/ft)	40
Detonation Velocity (m/s)	6900
(ft/s)	22,600
Outside Diameter (mm)	4.70
(in)	0.185
Tensile Strength (kg)	45
(lbs)	100
Temperature Rating for 8 hours (°C)	100
(°F)	212
Part Number	A72030

Hazardous Shipping Description

Cord, Detonating, 1.1D, UN 0065, II



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Transportation, Storage and Handling

- PRIMALINE 8HT must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.
- For maximum shelf life (5 years), PRIMALINE 8HT must be stored in a cool, dry, well ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old. For recommended good practices in transporting, storing, handling and using this product, see the booklet "Prevention of Accidents in the Use of Explosive Materials" packed inside each case and the Safety Library Publications of the Institute of Makers of Explosives.

Packaging

Weight / Case		Spools / case	Length / Spool		Net Explosives Content (NEC) / 1000 ft	
kg	lbs		m	ft	kg	lbs
11.3	25	2	305	1000	2.6	5.7

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Dyno Nobel Inc.

2795 East Cottonwood Parkway, Suite 500, Salt Lake City, Utah 84121 USA
Phone 800-732-7534 Fax 801-328-6452 Web www.dynonobel.com

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