MAXCORD Detonating Cord

TECHNICAL DATA SHEET – INITIATION SYSTEMS

MAXCORD Detonating Cord

MAXCORD detonating cord is a blasting accessory used for transmitting the detonation wave. It consists of a PETN explosive core encased in a moisture resistant jacket. Primarily, it is used for initiating explosives but MAXCORD also has demolition applications.

APPLICATION

MAXCORD detonating cord is used:

- to initiate shock tube and cap-sensitive explosive charges (11g/m cord only)
- for network in demolition projects
- for geological, coal field and oil exploration applications

PHYSICAL PROPERTIES

Detonating Cord Strength	3.6 g/m	5.0 g/m	11.0 g/m
Diameter (mm)	4.2 max	4.5 max	5.4 max
Function Temperature Range	-40°C ~ +75°C		
Min Tensile Strength (kg)	80		
Reel Length (m)	250		
Water Resistance	Retains sensitivity after being immersed in static water at ambient temperature and under pressure of 50kPa for five (5) hours.		
Wrap Material Used	Plastic PP and PE		
Explosive Class 1.1D	UN Number: UN 0065		

STANDARD PACKAGING GUIDELINES

CORD TYPE	QTY/CASE	CASE DIMENSIONS (mm)
3.6 g/m	4 x 250m	495 x 235 x 240
5.0 g/m	4 x 250m	495 x 235 x 240
11.0 g/m	2 x 250m	365 x 250 x 240

MAXCORD detonating cord is packed into sealed plastic bags, which are then packed into fibreboard cases. Case dimensions are shown in the table above.

STORAGE AND HANDLING

MAXCORD detonating cord should always be stored in a dry, cool, well-ventilated magazine. The shelf life of this product is ten (10) years when stored under ideal conditions.

Detonating cord can only be stored in a licensed high explosive magazine.

Explosive inventory should be rotated with older product being used before new.

SAFETY

First Aid – Please refer to the Safety Data Sheet for MAXCORD detonating cord, Nitro Sibir Ref. IS02.

Safety – All explosives are classified as dangerous goods and must be handled and stored with care. Misuse may result in personal injury and/or damage to property.

TDS: IS02 VERSION: 3.0 LAST UPDATED: 06/21

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