



BEEZAASAN[®]



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**Manufacturer of Industrial
explosives and accessories**



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TDS DYNAEX CORD

Detonating Cord

TECHNICAL DATA SHEET

DESCRIPTION & APPLICATIONS

Dynaex Cord contains PETN explosive which is filled in a tube of a natural or synthetic fibres tape. It is wound with high quality poly propylene yarn which makes product strong. And finally virgin plastic sheathing which makes the product flexible and waterproof.

It provides quick, safe and convenient means of simultaneously initiating any number of independent or inter-related charges.

Dynaex Cord is available with a variety of PETN charge weights 5 g/m to 100 g/m designed for different applications.

Dynaex Cord can be initiated by a No. 6 or No. 8 plain detonator, electric or nonelectric detonator.

ADVANTAGES

Dynaex Cord is a high explosive and must be handled with great care. Intense impact and friction can initiate the cord, but is insensitive to initiation during normal handling.

Dynaex Cord may explode when exposed to high temperature but it is quite safe and stable to use below 65°C. Dynaex Cord is an explosive and it should be stored in magazines and transported/handle with appropriate care and respect.

Dynaex Cord 10 gm/meter often used as a downline into the blast hole either directly to initiate the charge or used for detonator sensitive NG explosives, water gels and emulsions.

RECOMMENDATIONS FOR USE

- Dynaex Cord is a high explosive so Dynaex Cord should be cut with a sharp knife, it should not be cut with scissor.
- While inserting the cartridge into the blast hole, the Dynaex Cord should be tied tightly and inserted into the hole.
- Dynaex Cord can be used with a non electric detonator to connect multiple blast holes for well connectivity.
- While connecting the detonating cord lines, pull all the knots tightly and tighten both the lines so that they are in connect with each other to prevent cut off.



TECHNICAL PROPERTIES

Product	PETN charge g/m	Product wt. gm/mtr.	Dia of cord (mm)	VOD (m/sec.)	Tensile (Kgs)	Packaging (Spool x mtrs/case)
Dynaex Cord - I	5	13 - 14	3.7 ± 0.2	5800 ± 300	55+	4 X 375
Dynaex Cord - II	6	15 - 16	3.8 ± 0.2	6000 ± 300	55+	4 X 375
Dynaex Cord - III	7.5	16 - 17	4 ± 0.2	6300 ± 300	55+	4 X 375
Dynaex Cord - IV	8	18 - 19	4.2 ± 0.2	6400 ± 300	55+	4 X 375
Dynaex Cord - V	8.5	19 - 20	4.4 ± 0.2	6500 ± 300	55+	4 X 375
Dynaex Cord - VI	10	20 - 22	4.7 ± 0.2	6500 ± 400	60+	4 X 375
Dynaex Cord - VII	12	22 - 24	5.1 ± 0.2	6800 ± 400	65+	4 X 250
Dynaex Cord - VIII	20	38 - 40	6.5 ± 0.2	6800 ± 500	75+	4 X 150
Dynaex Cord - IX	40	72 - 74	8.2 ± 0.3	6900 ± 500	85+	4 X 75
Dynaex Cord - X	80	140 - 145	11.2 ± 0.3	6900 ± 500	95+	4 X 50
Dynaex Cord - XI	100	180 - 185	12.2 ± 0.3	6900 ± 500	105+	2 X 50

Note: Initiation by min. No. 6 Detonator.

STORAGE

Detonating Cords have a shelf life of 4 years in good storage conditions. Dynaex Cord is a high explosive it must be stored in a clean, dry and cool magazine.

SHIPPING INFORMATION

Authorised Name of Explosive: Dynaex Cord
Proper Shipping Name: CORD DETONATING, FLEXIBLE
Class / Div. : 1.1D
UN No. : 0065

All rules for the handling and use of such explosive should apply.



BEEZAASAN®



SOME OF OUR CLIENTS



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