

NITROCORD - Detonating Cord

DESCRIPTION

Nitrocord range is a flexible linear explosive designed for use as downlines and surface trunklines for the mining, construction and demolition industries. The internal PETN explosive core is protected with a textile braid for increased tensile strength and oversheathed with a waterproof PVC jacket.

APPLICATION

Nitrocord is used for the reliable initiation of detonator sensitive & insensitive explosives for downlines, trunklines, pre-splitting and demolition operations. Nitrocord should not be used where the danger of methane and/or coal dust may be present with the exception of Nitrocord 8 which has a separate technical specification.

RECOMMENDATIONS

Products for reliable initiation:

Detonators with a minimum 0.6g PETN/RDX base charge.

- DTH Non Electric Detonators
- Electric Detonators
- Electronic & Seismic Detonators
- Detonating cord with equal or greater core load

PRODUCT CLASSIFICATION

Shipping Name	CORD, DETONATING, flexible
UN #	0065
Classification	1.1D
CE Certificate	Indicated in the table (right)
Notified Body	0589 (1453 for Nitrocord 6-N)



Gram/metre	Diameter	Reel	Box Qty	CE Cert	Box NEQ
6g/m	4.0mm	250m	2x 250m	05.0077	3kg
10g/m	5.2mm	250m	2x 250m	2643/01	5kg
12g/m	5.4mm	250m	2x 250m	3585/99	6kg
20g/m	7.0mm	150m	2x 150m	3584/99	6kg
40g/m	8.5mm	100m	2x 100m	3560/99	8kg
100g/m	12.0mm	50m	2x 50m	0600/99	10kg
Box Dimensions (LxWxH): 46cm x 25cm x 27cm					

TECHNICAL

VOD	6900 m/s
Identification Threads	Red 2 Pieces
Usage Temperature	-20°C to 50°C
Sensitivity - Impact (minimum)	10J
Thermal Stability	48hr @ 75°C without detonation during storage
Waterproof (after 24hrs under a 400N load in storage)	Full detonation after storage
Outer Layer	PVC (RED)

*Measurements provided are nominal and may differ, further information regarding tolerances are available on request.

SAFETY & STORAGE

Explosives should be handled by trained, authorised persons only. Avoid damage to any part of the component and ensure care is taken to protect from extreme impacts, friction & heat sources. "DO NOT" attempt to de-construct products which may cause premature detonation.

Nitrocord should be kept separate from detonators & initiation articles in a cool, dry, well ventilated licensed magazine when not in use. Stored in typical conditions, Nitrocord has a 2 year product warranty from the date of manufacture. Stocks should be frequently rotated in order to use the older products before the new.

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