

Product Data Sheet

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.

Safety & Storage

Explosives should be handled & used 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.

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

Type	Spool Length	CE Cert	Carton Qty / Total Length
NITROCORD 10	250M	2643/01	2 Spools / 500M
NITROCORD 12	250M	3585/99	2 Spools / 500M
NITROCORD 20	150M	3584/99	2 Spools / 300M
NITROCORD 40	100M	3560/99	2 Spools / 200M
Carton Dimensions	46 (L) x 25 (W) x 27 (H) cm		



Properties

Type	Gram / Metre	Diameter Ø
NITROCORD 10	10	5.2mm
NITROCORD 12	12	5.4mm
NITROCORD 20	20	7.0mm
NITROCORD 40	40	8.5mm

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 (24hr under 400N load in storage)	Full detonation after storage
Outer Layer	PVC

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

Product Classification

Shipping Name	Detonating cord
UN #	0065
Classification	1.1D
EC Type Certificate	Indicated in the table above
Notified Body	0589
Packing Group	PGII

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