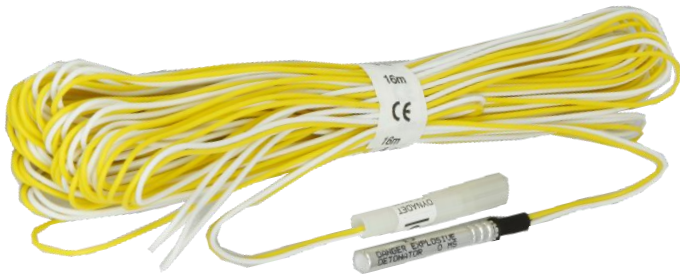


Dynadet™-C2-0ms



Description

The instantaneous electric detonator Dynadet™-C2-0ms serves to initiate commercial explosives.

The detonators are delivered with an attached connecting sleeve for simple and safe coupling. The insulation on the detonator leads is made of polyethylene providing good resistance against friction and cutting damage while being environmentally friendly.

Application

Dynadet™-C2-0ms is used for the initiation of commercial explosives in quarrying and construction works.

Recommendations for Use

- Not to be used in a gaseous environment or where there is danger of coal dust explosion.
- Use without primer and without pneumatic Anfo preloading only when loading boreholes with explosives of type PAC.
- Can alternatively be manufactured with continuously insulated wires.
- To prevent the possibility of detonating cord tail cut off when using detonating cord and Orica Dynadet™-C2 electric detonators the following tie up method is recommended.

Roll the starter tail of detonating cord into a loop approx. 20 cm in diameter and secure with shot firing tape. Secure and tape the electric detonator inside the loop with the detonator facing the taped joint and in the direction of the detonating cord connected to the shot.



Technical Properties

Product	Dynadet™-C2-0ms
Shell	Aluminium
Base Charge	PETN / Lead azide
Output strength	REF. DET. #3
Delay intervals	0
Delay times (ms)	0
Type of sensitivity	Class 2 (U)
No-fire-impulse (mJ/ Ω)	≤8
All-fire-impulse (mJ/ Ω)	≥16
No-fire-current (A)	≤0.45
All-fire current (A)	≥1.5
Max. hydrostatic pressure	3 bar / 7 days
Wire	
Insulation	PE
Wire colour	yellow / white
Wire type	Steel
Wire diameter (mm)	0.70
Insulation diameter (mm)	1.60 ±0.05
Tensile strength (N)	min. 125
Pull-out strength (N)*	min. 40
Wire ends	Fixed connecting sleeve
Wire length (m)	4

*Testing according to EN13763.7

Packaging

Dynadet™-C2-0ms electric detonators are available in the following packaging:

1.4S

Wire length	Total Resistance	No. of detonators per bag	No. of detonators per box	Gross weight per box kg	Net weight per box kg	Net explosive weight per box kg
m	Ω					
4 (Fe)	2.9 ±0.4	10	200	12.2	8.8	0.188

Other lengths are maybe available upon request. Please contact a DEXPLOC representative for further information.

Storage and Handling

Product Classification

Authorised Name: Dynadet™-C2-0ms
Proper Shipping Name: Detonators, electric

UN No.: 0456
Class Code: 1.4S
EC Type Certificate: 0589.EXP.2782/18

or damages resulting from the use or reliance upon the information in this document.

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Dynadet™-C2-0ms should be stored in a suitably licensed magazine for Class 1.4S explosives.

Detonators are best stored at ambient temperatures of 0 °C to 40 °C.

Dynadet™-C2-0ms have a storage life of 2 years in stable, temperate conditions.

Dynadet™-C2-0ms may be used at temperatures from -25 °C to a maximum of 50 °C. If your application requires you to operate outside this temperature range please contact a DEXPLOC representative.

Disposal

Disposal of explosives materials can be hazardous. Methods for safe disposal of explosives may vary depending on the user's situation. Please contact a DEXPLOC representative for information on safe practices.

Safety

Always follow requirements for protection against hazardous electrical sources when using Dynadet™-C2-0ms detonators.

Care should be taken not to cause initiation by intense impact, friction or heat.

Training

This Technical Data Sheet is for information only.

Electric detonators should only be used by personnel who have been properly trained to use this system.

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