

Dynadet™-C1-0ms Sweden



Description

The instantaneous electric detonator Dynadet™-C1-0ms 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™-C1-0ms 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.

Packaging

Dynadet™-C1-0ms electric detonators are available in the following packaging:

NT

Wire length m	Total Resistance Ω	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
2 (Cu)	1.4 ±0.3	10	400	12.4	10.8	0.376
6 (Cu)	1.9 ±0.3	10	170	11.2	9.9	0.160

ET

Wire length m	Total Resistance Ω	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
4 (Fe)	4.5 ±0.4	10	250	10.8	9.5	0.235

Not all products are kept in stock. Please contact your local Orica representative for further information.

Technical Properties

Product	Dynadet™-C1-0ms	
	NT	ET
Shell	Aluminium	
Primary Charge	Lead Azide	
Base Charge	PETN	
Output strength	REF. DET. #3	
Delay intervals	0	
Delay time (ms)	0	
Type of sensitivity	Class 1	
No-fire-impulse (mJ/ Ω)	≤3	
All-fire-impulse (mJ/ Ω)	≥5	
No-fire-current (A)	≤0.25	
All-fire current (A)	≥1.0	
Max. hydrostatic pressure	3 bar / 7 days	
Wire		
Insulation	PE	
Wire colour	yellow / white	
Wire type	Copper	Steel
Wire diameter (mm)	0.60	0.57
Insulation diameter (mm)	1.60 ±0.05	
Tensile strength (N)	min. 55	min. 85
Pull-out strength (N)*	min. 40	min. 40
Wire ends	Fixed connecting sleeve	
Wire length (m)	2, 6	4

*Testing according to EN13763.7

Storage and Handling

Product Classification

Authorised Name: Dynadet™-C1-0ms

Proper Shipping Name: Detonators, electric

UN No.: 0030

Class Code: 1.1B

EC Type Certificate: 0589.EXP.2782/18

Dynadet™-C1-0ms should be stored in a suitably licensed magazine for Class 1.1B explosives.

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

Dynadet™-C1-0ms have a storage life of 2 years in stable, temperate conditions.

TECHNICAL DATA SHEET

Dynadet™-C1-0ms Sweden

Dynadet™-C1-0ms 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 your local Orica Account Manager.

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 local Orica representative for information on safe practices.

Safety

Always follow requirements for protection against hazardous electrical sources when using Dynadet™-C1-0ms 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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Dynadet™

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Page 2 of 2



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General