

daveynel®

underground



Packaging & transportation

Length	Units / Box		Box Gross weight	
	1.1B	1.4S	1.1B	1.4S
4.8 m	160	70	6.8 kg	4.0 kg
6 m	140	70	7.0 kg	4.5 kg
7.8 m	120	70	7.2 kg	5.0 kg
10.2 m	80	50	6.0 kg	4.5 kg

Box dimensions are 0.46 x 0.245 x 0.32 m.

The **daveynel®** offer for underground applications consists in a full range of non electric detonators with delay times up to 8000 ms, and various accessories – such as **daveyline®**, **daveyboost®**, or **Surefire®**. This complete range is especially designed for demanding applications such as underground mining, tunnelling, shaft raising, sinking operations and construction applications.

Benefits

daveynel® LP detonators provide high level of safety for blasting works, as the system is immune to initiation by foreign sources of electric energy (radio frequency, stray currents).

The LP and SP range is among the most comprehensive on the marketplace and allows reducing instantaneous charges, hence vibrations, while improving productivity.

daveynel® LP detonators can be safely used even when pneumatic loading is in use.

Description

The **daveynel® detonators** is made of a non electric detonator (800mg PETN charge (N° 12 Strength), a length of **daveynel® shock tube** and a **J-hook connector**. **daveynel® shock tube** is a high strength, high abrasion-resistant and high accuracy tube transmitting the initiation signal to the detonator (3 layers HDPE & Surlyn®). When initiated with **daveycord®**, the J-hook provides a rapid and secure connection. A highly readable adhesive tag indicates the date codes, nominal times and lengths of the **daveynel® LP detonators**.

daveynel® Long Period Detonator

Short Period Detonators (SP) Orange tube							
Delay #	3	4	5	6	7	8	9
Nominal time (ms)	75	100	125	150	175	200	225
Delay #	10	11	12	13	14	15	16
Nominal time (ms)	250	275	300	325	350	375	400
Delay #	17	18	19	20	-	-	-
Nominal time (ms)	425	450	475	500	-	-	-
Long Period Detonators (LP) White tube							
Delay #	1	2	3	4	5	6	7
Nominal time (ms)	100	200	300	400	500	600	700
Delay #	8	9	10	12	14	16	18
Nominal time (ms)	800	900	1000	1200	1400	1600	1800
Delay #	20	25	30	35	40	45	50
Nominal time (ms)	2000	2500	3000	3500	4000	4500	5000
Delay #	55	60	65	70	75	80	-
Nominal time (ms)	5500	6000	6500	7000	7500	8000	-



CE type examination certificate



Detonator SP3 to SP20 0080.EXP.00.0065

Detonator LP6 to LP80 0080.EXP.00.0063

high-tech initiation company



daveynel® *underground*



daveyboost®

The **daveyboost[®]** is a small PETN booster **specially designed** for the initiation of bulk emulsion explosives in underground mining or construction blasting. Approximately 10g of PETN per piece.

Packaging / Storage & transportation

Lead length	# pieces per bundle	# pieces per box	Case gross weight
0.15m / piece	10	400	10 kg

Box dimensions are 0.45 x 0.23 x 0.31 m.

Class & division	1.1 D
UN number	0065
CE type examination certificate	CE 0080.EXP.97.0091



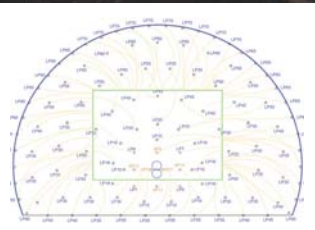
daveyline®

The **daveyline[®]** is a noiseless non-electric lead-in line that makes it possible to initiate blasts from a remote, hence safe location. It includes plastic sleeves to extend the total length and to connect with a **daveynel[®]** detonator.

Packaging / Storage & transportation

Length	# spools per box	Box gross weight
250m / spool	4	7 kg

Box dimensions are 0.45 x 0.23 x 0.31 m.



Starter SUREfire®

The **SureFire** exploder generates a small but highly percussive discharge right inside the shock tube, initiating with great reliability. One button operation, press button, hold for 3 seconds and release.

Includes a carrying case with belt clip. The spark tip is replaceable.

Size	Weight	Voltage	Energy	Power Source
3" x 1.5" x 4"	10.0 oz.	1500 V	0.5 joules	one 9V battery



high-tech **initiation** company

 **davey bickford**

Products described herein are potentially hazardous and must be used in accordance with applicable health and safety standards, federal and states laws, rules and other statutory or regulatory provisions. The information is believed to be accurate, though no warranties are made, expressed or implied.

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