

SURELINE - Instantaneous Shock Tube Detonator (SID)



Description

Sureline (SID) is a superior grade non electric instantaneous detonator consisting of a pre-coiled length of shocktube with a high strength detonator at one end and a weatherproof seal at the other end. The detonators are rated No.8 and consist of a PETN base charge encapsulated in an premium grade aluminium shell. The shocktube is designed for the harshest of environments which is secured to the detonator with factory duplex crimp ensuring safe transmission of the initiating signal.

Application

Sureline Instantaneous Detonators are suitable for mining, construction & military blasting operations for use in conjunction with detonator sensitive explosives, cords, boosters, trunklines and other Sureline products.

Recommendations

Recommended products for reliable initiation:

- *Shock Tube Exploder
- *Lead in Line
- *Detonating cord with a minimum 3.5gm/m PETN charge
- *Plain, electric, electronic or non electric detonators

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 protected from extreme impacts, friction & heat sources. "DO NOT" stretch or attempt to remove the shocktube from the detonator which may cause premature detonation.

Detonators should be kept separate from other explosive substances in a cool, dry, well ventilated licensed magazine when not in use. Stored in typical conditions, detonators have 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.

Shock Tube Colour	Olive Green	Clear
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Packaging

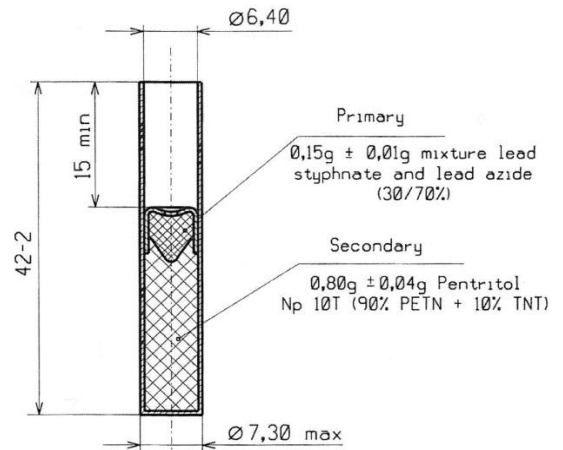
Shocktube Length (m)	Bag Qty (1.1B)	Box Qty (1.1B)
10.0	5	200 (L) / 100 (SML)
15.0	5	140 (L) / 50 (SML)
30.0	3	60 (L) / 30 (SML)
Box Dimensions (L)	628 (L) x 318 (W) x 430 (H) mm	
Box Dimensions (SML)	300 (L) x 300 (W) x 300 (H) mm	

Shocktube Technical

Outer Diameter	3.0mm
Shock Wave Propagation	2000 +/-100 metres per second (m/s)
Colour	Olive Green / Clear
Nominal Tensile Strength	140N

Detonator Technical

Outer Diameter	7.3mm
Length	44mm
Base Charge	800mg PETN
Shell	Aluminium



Product Classification

Shipping Name	Detonator assemblies, non-electric
UN #	0360
Classification	1.1B
EC Type Certificate	ENB/D/043/003
Notified Body	0519
Packing Group	PGII

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