

NONEL[®] MS HT

Technical
Information



Description

The NONEL[®] MS HT detonator is a millisecond, high strength delay detonator series featuring a delay of 600 milliseconds specifically designed for use in high in-hole temperatures up to 70 °C.

Properties

Explosives Class: 1.1B

U.N. No: 0360

High strength detonator

No. 12 Strength

NONEL tube colour

Orange

NONEL tube diameter (mm)

3.0 (STD)

NONEL tube VOD (m/sec)

2100 ± 300

Delay

600ms

Application

The MS HT detonator provides an excellent downhole initiating system appropriate for high in-hole temperature applications.

Features & Benefits

- The NONEL MS HT detonator provides increased resistance to high in-hole temperatures.
- The NONEL Supertube shock tube exhibits excellent handling characteristics and enables longer sleep times down the hole due to increased resistance to oil migration into the tube at elevated in-hole temperatures.
- The NONEL MS HT detonator has a colour-coded stamped cord clip for easy identification.

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Packaging

Length (m)	Units/Case	Configuration
12	75	Coiled (Detpak)
15	75	Coiled (Detpak)
24	30	Spool

Recommendations

Use - It is recommended that the MS HT detonator be used as a single inhole delay in conjunction with the EZTL detonator surface initiation system. This will provide adequate downhole delay time in most blasting applications and minimises inventory requirements. The MS HT detonator can also provide hole-by-hole delay sequencing by utilising the downhole delay in conjunction with detonating cord and MS connectors. It is recommended to use either 3.6 g/m or 5 g/m detonating cord to initiate the NONEL tube.

Water Resistance - The MS HT detonator provides excellent water resistance.

Temperature Range - The MS HT detonator can be safely used in temperatures ranging between -40 °C and + 70°C.

Shelf Life - The NONEL MS HT detonator has a recommended shelf life of three (3) years, when transported and stored under ideal conditions. Accuracy of delay detonators may deteriorate with age and stocks should be rotated regularly.

Sleep Time - The sleep time of the MS detonator series, is dependent on the temperature and type of explosive in contact with the unit. Please contact Dyno Nobel for further information.

Safe handling, transportation & storage

First Aid - Detailed first aid information regarding this product is contained on the relevant Dyno Nobel Material Safety Data Sheet.

Safety - All explosives are classified as dangerous goods and can cause personal injury and damage to property if used incorrectly.

Transportation and Storage - All explosives must be handled, transported and stored in accordance with all relevant regulations. Stock should be rotated such that older product is used first.

The information and suggestions contained in this document concern explosive products that should only be dealt with by persons having the appropriate technical skills, training and licence. The results obtained from the use of such products depend to a large degree on the conditions under which the products are stored, transported and used.

While Dyno Nobel makes every effort to ensure the details contained in the document are as accurate as possible, the conditions under which the products are used are not within its control. Each user is responsible for being aware of the details in the document and the product applications in the specific context of the intended use. If technical advice is required in the specific application of the products then you should contact Dyno Nobel for assistance.

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