

# MAXNEL MSC Detonating Cord Delays



## TECHNICAL DATA SHEET – INITIATION SYSTEMS

### MAXNEL MSC Detonating Cord Delays

MAXNEL MSC detonating cord delays are bi-directional units that consist of a 50 cm length of orange shock tube with a detonator crimped to each end. Colour-coded plastic connector blocks house the detonators and are designed to allow for easy attachment to detonating cord. Nominal firing times are displayed prominently on the colour-coded tags. The series contains 7 (seven) standard delays.



### APPLICATION

MAXNEL MSC detonating cord delays are utilised in blasting operations where detonating cord is used as the primary initiation system. They provide precise surface delay time between individual and multiple boreholes and are suitable for use in modern mining, quarrying and construction applications. MAXNEL MSC detonating cord delays are suitable for use with MAXCORD detonating cord of 3.6g/m or greater coreload.

### PACKAGING

MAXNEL MSC detonating cord delays are packed into plastic bags that are then sealed and contained in a cardboard case.

### PHYSICAL PROPERTIES

Item	Technical Standard
Temperature Range	-40°C ~ +60°C
Tensile Force	When pulled with 20N tensile force for one minute, all parts remain connected

Packaging Group	II
Quantity Per Case	70 pcs
Case Dimensions (mm)	360 x 270 x 225

### TRANSPORT INFORMATION

Correct Shipping Name	Detonator assemblies, non-electric, for blasting
UN Number	UN0360
Explosive Class	1.1B

### DELAY NUMBER AND NOMINAL TIMES

BLOCK COLOUR	NOMINAL DELAY TIME (MS)
Green	9
Red	25
White	42
Blue	67
Orange	109
Lime Green	176
Light Green	200

### SAFETY

**First Aid** - Refer to the Safety Data Sheet for MAXNEL MSC Detonating Cord Relays, Nitro Sibir Ref. IS09.

**Safety** - All explosives are classified as dangerous goods and must be handled and stored with care. Misuse may result in personal injury and/or damage to property.

### STORAGE AND HANDLING

During handling and transportation, the product should be handled with great care, and never dropped, knocked or subjected to any impact. Only properly qualified and authorised personnel should handle and use the product.

All explosives must be stored in a cool, dry, well-ventilated magazine in compliance with federal, state and local regulations away from heat, flame, and ignition sources. The shelf life of this product is two (2) years when stored correctly.



TDS: IS09

VERSION: 1.0

LAST UPDATED: 01/15

---- END OF TDS ----

PRODUCT DISCLAIMER: The information contained in this technical bulletin is believed to be accurate, but can not possibly cover every application or variation of conditions under which the product is used or tested. The specifications herein are based on the manufacturer's experiences, research and testing. Nitro Sibir Australia can not anticipate or control conditions under which this information and its products may be used. Each user is responsible for being aware of the details in the technical bulletin and the product applications in the specific context of the intended use. Nitro Sibir will not be responsible for damages of any nature resulting from the use or reliance upon the information. No express or implied warranties are given other than those implied as mandatory by Commonwealth, State or Territory legislation.