



## Product Fact Sheet

# Handidet™ XT4

**Handidet\*** XT4 nonelectric, surface delay and in-hole detonator assemblies are designed with the simplicity and versatility of regular **Handidet** assemblies for sequential blasting applications. The **Handidet** XT4 was developed to meet the requirements of rugged blasting conditions typically associated with pipeline, utility trenching and construction projects. For blasting mat applications, the reinforced XT4 shock tube has superior abrasion resistance, pinch resistance, and tensile strength.

### Features

#### **Handidet XT4 assemblies are:**

- Robust, with extra abrasion and pinch resistant XT4 tubing;
- Surface and in-hole delays in one unit;
- Accurately timed;
- Quick and simple to connect;
- Highly visible;
- High tensile strength assemblies;
- Easy to handle in figure-eight coils.

### Benefits

#### **Handidet XT4 assemblies:**

- Provide better performance in blast mat applications;
- Reduce inventory and operating costs with less components on site;
- Provide excellent blast control;
- Increase productivity and allow pre-blast changes to pattern design;
- Facilitate rapid hook-up verification;
- Reduce chance of ground movement cutoff failures;
- Tangle free deployment, in all weather with all Orica explosives.



**ALWAYS**  
Lock up explosive  
materials and  
keep them  
from children

# Handidet XT4

Nonelectric, Surface Delay and In-hole Detonator Assembly

## Properties

In-hole detonator	High strength, 12 grain (780 mg) PETN base charge (USBM 8+).
Surface delay initiator	Low shrapnel
Connector block	4 tube capacity; colour coded by surface delay time.
<b>Exel*</b> XT shock tube	Bright red colour.
Delay Times	
Surface/In-hole	Connector block colour
25/500 ms	Orange

## Packaging

**Handidet** XT4 detonator assemblies are wound in figure-eight coils. Assemblies are bulk packed in fiberboard cases.

Length (approx.)		Quantity per case
metres	feet	
5	16	75
7	23	50
9	30	40
12	40	35

## Storage

For best results, store under moderate temperatures and dry conditions in a well ventilated, approved detonator magazine.

## Handling and Initiation

Do not use the **Handidet** XT4 assemblies as a lowering line. Keep the shock tube taut until loading has been completed. Avoid damage to the shock tube during loading and stemming operations.

Never pull so hard as to stretch or break shock tubing. A premature detonation may result.

**Handidet XT4 detonator assemblies must not be mixed with Handidet MS or Exel HTD assemblies due to the surface connector design.**

**Handidet** XT4 detonator assemblies are unidirectional. They can be initiated by:

- the surface initiator from another **Handidet** XT4;
- an electric detonator;
- an **Exel** Noiseless Lead in Line.

Note: The surface connector block of the **Handidet** XT4 assembly contains an explosive device that can be initiated by heat, impact or friction. The surface connector is not designed to initiate detonating cord.

## Hazardous Materials Shipping Description

Detonator Assemblies, Nonelectric, Class and Division 1.1B, UN 0360, PG II

EX 9810026

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