

## Cordtex™ Detonating Cord with plastic coating



### Description

Cordtex™ detonating cords are a resistant and flexible detonating cord with a PETN core. The core is encased by braided textiles protected with a flexible PVC coating.

### Application

Cordtex™ detonating cords are used for non-electric initiation of blast patterns for both surface and underground blasts.

### Key Benefits

- Very flexible, easy to make knotted connections.
- Hold their knots in both hot and cold temperature conditions.
- Stand up to tough development conditions.
- Good visibility in dark environments.

### Features

- Flexible construction
- Soft pliable PVC finish
- High tensile strength
- Brightly coloured smooth finish

### Technical Properties

Product	Cordtex™	
	Trunkline™	B-Line™
Explosive core load (g/m)	10 [Min: 9.0 ; Max: 11.2]	5.3 [Min: 4.8 ; Max: 5.9]
Detonation velocity (m/s)	>6400	>6300
Tensile strength (N) minimum	≥1000	≥450
Impact sensitivity (J) BAM requirement	≥10	
Outside diameter (mm)	4.4 ±0.25	3.3 ±0.25
Colour	Bright Yellow	Bright Orange
Jacket material	PVC	

### Recommendations for Use

- Detonating cord must only be cut with a sharp knife made of non-sparking metal or other tool specifically designed for such purpose.
- Detonating cord must be initiated by a detonator with an output strength that is at least equivalent to a Ref. Det. #3 (≥ 600mg PETN base charge) The detonator must be secured with tape or fastened appropriately about 20 - 30 cm from the end, so that the bottom of the detonator (base charge) points in the cord's direction of detonation.
- Splicing of cords must be done using a secure knot or by wrapping the cords together with tape (at least 10 cm) or by use of special designed clips for detonating cords.
- When using detonating cords underwater, cord ends must be sealed.
- Not for use in mines where flammable gas atmospheres may be a hazard.

## Packaging

Cordtex™ waxed detonating cords are available in the following packaging:

Cordtex™ Trunkline™				
Detonating cord length (m)	Spool outside diameter (mm)	Spool length (mm)	Spool per box (items)	Gross Weight per case (kg)
300	216	235	2	12.3

Cordtex™ B-Line™				
Detonating cord length (m)	Spool outside diameter (mm)	Spool length (mm)	Spool per box (items)	Gross Weight per case (kg)
300	148	196	2	7.0

## Storage and Handling

### Product Classification

Authorised Name	EC Type Certificate
Cordtex™ Trunkline™	0589.EXP.2784/18
Cordtex™ B-Line™	0589.EXP.2784/18

Proper Shipping Name: Cord, Detonating  
UN No.: 0065  
Classification: 1.1D

The Cordtex™ detonating cord should be stored in a suitably licensed magazine for Class 1.1D explosives.

Detonating cords are best stored at ambient temperatures in dry conditions.

The Cordtex™ detonating cord has a storage life of 5 years in stable, temperate conditions.

These products are available for use in ground temperatures - 30 °C to a maximum of +45 °C. If your application requires you to operate outside this temperature range, please contact your DEXPLOC representative.

## Disposal

Disposal of explosives materials can be hazardous. Methods for safe disposal of explosives may vary depending on the user's situation. Please contact a DEXPLOC representative for information on safe practices.

## Safety

Cordtex™ waxed detonating cord contains explosives, which are relatively insensitive to accidental initiation by mechanical impact, friction or heat under normal conditions of use. However, it is advisable not to subject it to conditions other than those specified by the manufacturer.

## Training

This Technical Data Sheet is for information only. Detonating cord must only be used by personnel who have been properly trained to use this product.

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