



Description

Resistant and flexible detonating cord, made of a PETN core covered by a fiber fabric, that is also covered by another plastic coating (*Cordtex™ P*) or wax coating (*Cordtex™ W*). The *Cordtex™* detonating cord meets most requirements of mines, quarries and civil works.

Application

This product can be used in open pit mining, underground mining, quarries and civil works. Its main functionalities are connecting blasting as trunk lines, initiating non-electric detonators and is used in descending lines.

Their benefits include:

- Excellent resistance to traction, abrasion and humidity.
- Safe and easy to connect product.

Recommendations for use

- When using the detonating cord in blasting, the laying of the trunk line should complete a closed circuit, in order to allow all connected boreholes to receive the initiation signal from two different directions.
- Use the product that has been stored longer.

- When the detonating cord is connected through knots (descending lines connected to trunk lines), the knot connection should make a right angle.
- When connecting an *Exel™* detonator to *Cordtex™* detonating cord, a “J” Connector should be used to assure the detonator is firmly joined to the detonating cord in a right angle.

Technical properties

Cordtex™ P and *Cordtex™ W* detonating cords are available in the following grams:

Name	Nominal load (gr/m)	Colour
<i>Cordtex™ W</i>		
<i>Cordtex™ 3,6W</i>	3,6	Pink
<i>Cordtex™ 5W</i>	5,0	Yellow
<i>Cordtex™ 5W UG</i>	5,0	Yellow
<i>Cordtex™ 10W</i>	10,0	Red
<i>Cordtex™ P</i>		
<i>Cordtex™ 3,6P</i>	3,6	Orange
<i>Cordtex™ 5P</i>	5,0	Green
<i>Cordtex™ 10P</i>	10,0	Red
<i>Cordtex™ 42P</i>	42,0	Orange
<i>Cordtex™ 70P</i>	70,0	Green

Packaging (amount per box)

Cordtex™ P and *Cordtex™ W* is available in the quantity per box indicated in the following table:

Name	Nominal load (gr/m)	Spool Unit/box	Classification Code 1.1D	
			m/box	kg/box
<i>Cordtex™ W</i>				
<i>Cordtex™ 3,6W</i>	3,6	2/500	1000	13,5
<i>Cordtex™ 5W</i>	5,0	2/500	1000	15,3
<i>Cordtex™ 5W UG</i>	5,0	2/250	500	7,5
<i>Cordtex™ 10W</i>	10,0	2/350	700	15,8



Technical Data Sheet

Cordtex™

The Power
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Cordtex™ P				
Cordtex™ 3,6P	3,6	2/900	1800	16
Cordtex™ 5P	5,0	2/700	1400	16
Cordtex™ 10P	10,0	2/500	1000	18
Cordtex™ 42P	42,0	2/150	300	18
Cordtex™ 70P	70,0	2/50	100	14

Storing and handling

Product classification

Authorized Name:	Cordtex™
Shipping Name:	Detonating Cord
UN No.	0065
Class Code	1.1D

Storing

Store in authorized magazine at moderate temperature, low humidity and appropriate ventilation. The manufacturer guarantees the quality of the product for a two-year period if stored in appropriate conditions.

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 local Orica representative for information on safe practices.

Safety

Cordtex™ detonating cord presents low sensitivity to early or accidental detonation due to heat, impact, friction electric discharges or other conditions that generally come about in mining sites; however, it is advisable not to subject it to conditions other than those specified by the manufacturer.

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