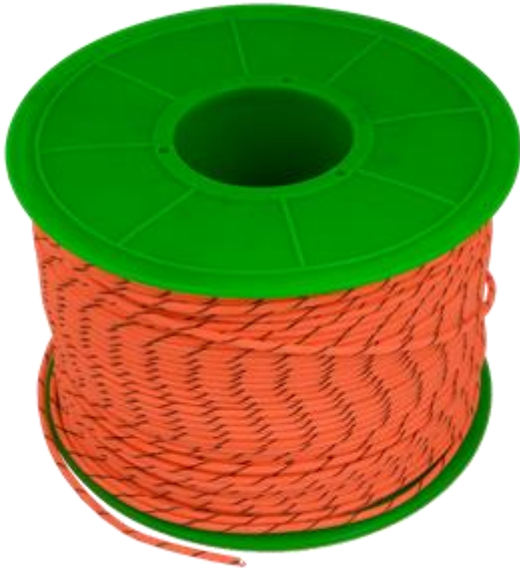


## Riocord F+5,0



### Description

*Riocord F+5,0* is a resistant and flexible detonating cord with a PETN core. The core is encased in a layer of textile yarn protected with a flexible plastic coating and reinforced with a second layer of textile yarn. The external coating allows for secure knot holding.

The results are reliable knots and couplings under all normal temperature conditions. The cord's construction gives good protection against lateral penetration of water and oil.

### Application

*Riocord F+5,0* is used for non-electric initiation of blast patterns for both surface and underground blasts. In tunneling *Riocord F+5,0* is frequently used to initiate shock tube from *Exel™ LP* detonators.

### Recommendations for Use

- Detonating cord must only be cut with a sharp knife or other tool specifically designed for such purpose.
- Detonating cord must be initiated by detonators. These must be secured with tape or fastened appropriately well 20 - 30 cm from the end so that the bottom of the detonator 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 which is at least 10 cm long or by use of special designed clips for detonating cords.
- When using detonating cords underwater, cord ends must be sealed.

### Packaging

*Riocord F+5,0* detonating cords are available in the following

### Technical Properties

Product	<i>Riocord F+5,0</i>
Explosive core load (g/m)	5.3 ±0.5
Detonation velocity (m/s)	approx. 7000
Detonating cord colour	Red/orange with 1 black counteracting yarn
Outside diameter (mm)	4.0

packaging:

Detonating cord length (m)	Spool per box (items)	Net weight box (kg)	Gross weight box (kg)
400	2	8.8	10.4

### Storage and Handling

#### Product Classification

Authorised Name	<i>Riocord F+5,0</i>
Proper Shipping Name	Cord, Detonating
UN No.	0065
Class Code	1.1D
EC Type Certificate	01.EXP.4293
CE:	LOM 0163

*Riocord F+5,0* should be stored in a suitably licensed magazine for Class 1.1D explosives.

Detonating cords are best stored at ambient temperatures of -5 °C to 45 °C.

*Riocord F+5,0* has a storage life of 2 years in stable, temperate conditions.

These products are available for use in ground temperatures -20 °C to a maximum of 60 °C. If your application requires you to operate outside this temperature range please contact your local Orica representative.

### Disposal

Disposal of explosive 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

*Riocord F+5,0* detonating cords can be initiated by extremes of shock, friction or mechanical impact. As with all explosives,

*Riocord F+5,0* detonating cords should be handled and stored with care and must be kept clear of flame and excessive heat.

## **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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