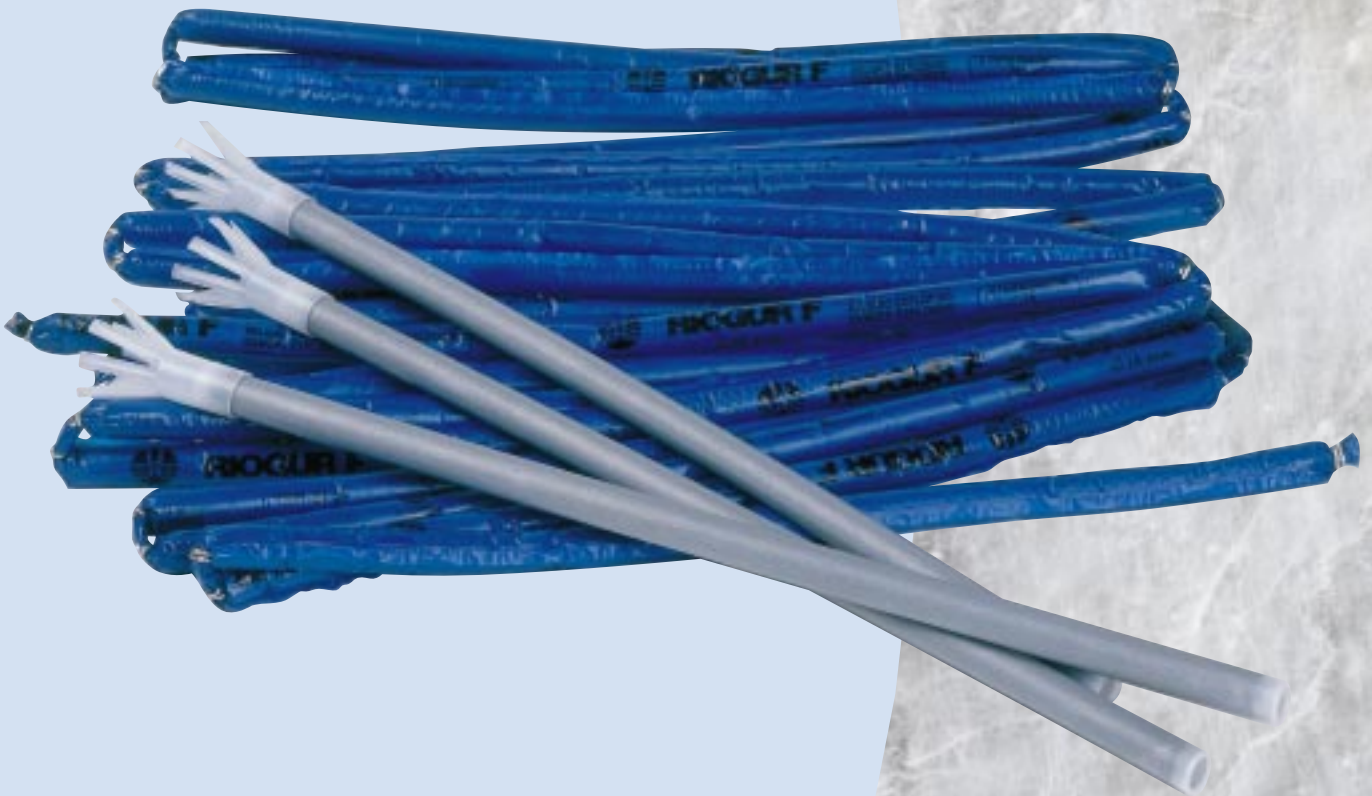


## CAP-SENSITIVE PRESPLIT EXPLOSIVE

Riogur® is a cap sensitive watergel explosive especially designed for contour and presplit blasting applications. UEE manufactures two types of Riogur®. Riogur® R is a rigid polyethylene stick with centralizers, widely used in tunnelling for perimeter control. Riogur® R sticks can be assembled quickly to make an explosive column. Riogur® F CD is supplied in a continuous sausage-like plastic cartridges string. Riogur® F CD is available in a broad range of sizes for use in medium and large diameter holes with expanded spacings. Both Riogur® R and Riogur® F CD enable a fast and easy loading operation ensuring even distribution in the holes.



### Uses

- Presplit blasting.
- Contour blasting.
- Cushion blasting.
- Wall stability control.
- Tunnelling.
- Dimension stone blasting.

### Advantages

- Easy coupling for a faster loading of Riogur® R.
- Centralizers for an evenly distributed charge when using Riogur® R.
- Wide variety of sizes to allow the best choice for every job.
- Higher energy per length of hole for expanded spacings cutting drilling costs.
- Excellent water resistance for blasting under wet conditions.
- Very good fumes for underground use.

## CAP-SENSITIVE PRESPLIT EXPLOSIVE

### Technical characteristics (typical values)

	RIOGUR® R	RIOGUR® F CD***
Density	1,25 g/cm <sup>3</sup>	1,25 g/cm <sup>3</sup>
Velocity of detonation*	3.900 m/s	7.300 m/s
(REE-WS)**	108%	108%
(REE-BS)**	169%	169%
Fumes	Very good	Very good
Water resistance	Excellent	Excellent
Recommended initiation	Riodet®, Primadet®	Riodet®, Primadet®

\* Riogur R (D 32 mm) (Unconfined)

Riogur F CD (D 17 mm) (Unconfined)

\*\* REE "Relative Effective Energy" is the available energy to do an effective blasting work till a pressure of 100 MPa and it is calculated using the W-DETCOM code, developed and owned by UEE.

\*\*\* Detonating cord inside of the cartridge

### Sizes and packaging

RIOGUR R			
SIZES (mm)	APPROX. WEIGHT/CART. (g)	CARTRIDGE COUNT PER CASE	WEIGHT PER CASE (Kg)
18 x 500	131	160	21
25 x 500	250	100	25

RIOGUR F CD			
DIAMETER (mm)	TOTAL LENGTH PER CASE	APPROX. LOAD PER LENGTH (g/m)	WEIGHT PER CASE (Kg)
17	80 m	313	25
22	60 m	417	25
26	40 m	625	25
32	28 m	893	25
40	17 m	1.471	25
45	14 m	1.785	25
50	10 m	2.500	25
55	9 m	2.778	25

NOTE: Products are available in a variety of sizes. Non standard sizes may be subject to surcharge and require longer than usual lead times.

### Storage

For best results, store in a well ventilated approved explosives magazine at cool temperature and dry conditions.  
See instructions of use.

### Classification

Explosive, Blasting, Type E  
Division: 1.1 D  
UN No.: 0241

#### LEGAL WARNING AND DISCLAIMER:

"All the information contained in this document can vary according to the different conditions of storage and use of the products as well as external factors like temperature, humidity, and pressure, among others. The products described in this document are potentially dangerous; and, therefore, its use and handle must be restricted to the personnel with the appropriate level of qualification and it must be adjusted to the applicable regulations.

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