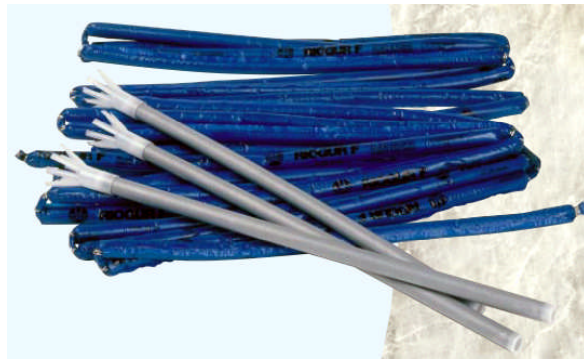


PRODUCT DATA SHEET

**RIOGUR[®]
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 tunneling 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

- ✓ Higher energy per length of hole
- ✓ Reliable cap-sensitive
- ✓ Excellent water resistance for blasting under wet conditions
- ✓ Suitable for underground use
- ✓ Wide variety of sizes for every job



SPECIFICATIONS

| | Riogur[®] R | Riogur[®] F CD*** |
|--------------------------------|-----------------------------|-----------------------------------|
| Density | 1.25 g/cc | 1.25 g/cc |
| 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 |

* Riogur[®] R (D 32mm) (Unconfined)

Riogur[®] F CD (D 17mm) (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 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 (m) | APPROX. LOAD PER LENGTH (g/m) | WEIGHT PER CASE (Kg) |
|---------------|---------------------------|-------------------------------|----------------------|
| 17 | 80 | 313 | 25 |
| 22 | 60 | 417 | 25 |
| 32 | 28 | 893 | 25 |
| 40 | 17 | 1,471 | 25 |

* Other sizes available upon request.

TRANSPORTATION AND STORAGE

RIOGUR® is classified by the D.O.T. as Class 1 Explosives. The description is Explosive, Blasting, Type E, UN0241, Class and Division 1.1D. Transportation, storage and handling must be in accordance with all federal, state, provincial and local regulations.

ORDERING



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