



## SPACE

### MILD DETONATING CORD RDX-ALUMINIUM

Pyroalliance designs and manufactures a complete family of detonation cords dedicated to transmit a pyrotechnic signal, induce a ultra-short time delay or used for structure weakening.

Those can be made of different metallic materials and various explosive types depending on the application requirements. Pyroalliance has the ability to propose detonating cords with specific plastic coating and/or armoured cladding.

More generally, Pyroalliance delivers complete pyrotechnic chains adapted to its customers' needs. They are designed and manufactured under Pyroalliance design authority.

## MILD DETONATING CORD RDX-ALUMINIUM

### Operating mode

Mild Detonating Cord uses RDX under aluminium envelop.

### Benefits

The Detonation Cord is used to propagate a detonation from one end to the other with an average speed of 7500 m/s. It is highly reliable and inspectable via X-Ray.

### Applications

- Detonating transfer lines
- Frangible joint assembly

### Typical performances and features

Detonating velocity*	7000 to 8000 m/s
External Diameter**	Ø 1.5 to Ø 6mm
Ignition mode	Detonation shock
Operating temperature	Down to -80°C Up to + 100°C

\* Depending on the product envelop

\*\* Please contact us for off the shelf products



Pyroalliance's Mild Detonating Cords equip Ariane 6 and Vega C  
ArianeGroup and ESA

### Product Classification

- UN number: UN0290 and UN designation: CORD, DETONATING, metal clad  
Class, risk division and compatibility group: 1.1D
- This product is certified in accordance with the European Directive: 2014-28/UE  
Certificate number: 02 0080 0109
- Not restricted by ITAR regulation

### For more information

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