

40 RDX LS Detonating Cord

Description

40 RDX LS Detonating Cord is a strong, flexible cord with a nominal explosive core charge of 8.5g/m Cyclotrimethylene Trinitramine (RDX).

40 RDX LS consists of a continuous core of RDX powder, dyed pink. The core is encased by a shrink resistant yellow braid. The braid is sealed in a seamless black nylon jacket.

Safety

40 RDX LS contains explosive which is relatively insensitive to accidental initiation by shock, friction or mechanical impact under normal conditions of use. As with all explosives, 40 RDX LS should be handled and stored with care. If detonating cord is damaged, misfires may occur. Improper storage may allow moisture to contaminate the cord and also cause misfires.

Application

40 RDX LS Detonating Cord is designed primarily for use where temperatures exceed those of normal commercial blasting applications. Only use under approved procedures for high temperature blasting.

40 RDX LS has a heat resistance rating of 100 hours at 145°C, falling to 1 hour at 163°C. The heat resistance rating is based upon the manufacturer's laboratory tests in air at ambient pressure only.

Technical Properties

Colour:	Black
Explosive Core Load:	8.50 g/m nominal
Velocity of Detonation:	6700 m/s nominal
Dimensions:	4.4 mm
Jacket Thickness:	0.2 mm minimum

Packaging

40 RDX LS is supplied on spools, which hold 152 metres of cord. Spools are packaged in fibreboard boxes, measuring 0.26 x 0.26 x 0.14 m. Gross package weight is 4.1 kg. The weight of contained explosive material is 1.3 kg per box.

Storage and Handling

Correct Shipping Name: Cord, Detonating
 UN No.: 0065
 Classification Code: 1.1D

All regulations pertaining to the handling and use of such explosives apply.

40 RDX should be stored in a cool, dry, well-ventilated magazine licensed for Class 1.1D explosives.

40 RDX has a maximum shelf life of 5 years when stored correctly.

Disclaimer

All information contained in this data sheet is as accurate and as up-to-date as possible. Since Orica cannot anticipate or control the conditions under which this information and its products may be used, each user should review the information in the specific context of the intended application. Orica will not be responsible for damages of any nature resulting from the use or reliance upon the information. Except to the extent required by law, no express or implied warranties are given.

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