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 145ºC, falling to 1 hour at 163ºC. The heat resistance rating is based upon the manufacturer's laboratory tests in air at ambient pressure only.

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
Proper 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.

Technical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Colour</td>
<td>Black</td>
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<tr>
<td>Explosive Core Load</td>
<td>8.50 g/m nominal</td>
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<tr>
<td>Velocity of Detonation</td>
<td>6700 m/s nominal</td>
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<tr>
<td>Dimensions</td>
<td>4.4 mm</td>
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<tr>
<td>Jacket Thickness</td>
<td>0.2 mm minimum</td>
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Emergency Telephone Numbers
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