**Description**

**Pentex™ SC-Large** shaped charges are designed to remotely remove and/or clear boulders that cause hang-ups in underground mining operations. **Pentex™ SC-Large** high strength 13.5 kg (30 lb) Pentolite base charge provides excellent breakage power and minimizes unwanted damage to mine structure.

**Benefits**

- Easy to use
- Safer than conventional hang-up clearance methods
- Used effectively up to 150 m (500 ft)
- Standard with computer designed projectile disk
- Supplied with legs and sighting mount
- Cost effective

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**Properties**

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Pentex™ SC-Large</strong></td>
<td>13.5 kg (30 lb)</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>362.7 mm (14.28 in)</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>212 mm (8.35 in)</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>1.6 g/cc</td>
</tr>
<tr>
<td><strong>Velocity of Detonation</strong></td>
<td>7,800 m/s (25,590 ft/s)</td>
</tr>
<tr>
<td><strong>Explosive Composition</strong></td>
<td>60/40 – PETN/TNT</td>
</tr>
<tr>
<td><strong>Water Resistance</strong></td>
<td>Excellent</td>
</tr>
<tr>
<td><strong>Tunnel Arrangement</strong></td>
<td>One blind detonator well</td>
</tr>
</tbody>
</table>

**Initiation and Handling**

**Pentex™ SC-Large** shaped charge is recommended to be primed ONLY with an instantaneous detonator.

*Warning: This product is NOT Fume Class 1. When used underground extreme caution should be taken to guard against toxic gases and concussion.*

**Packaging**

**Pentex™ SC-Large** shaped charges are packed in fiberboard cases.

<table>
<thead>
<tr>
<th><strong>Product</strong></th>
<th><strong>Quantity Per Case</strong></th>
<th><strong>Weight per case (lb/kg)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentex™ SC-Large</td>
<td>1</td>
<td>52.0 lb/23.6 kg</td>
</tr>
</tbody>
</table>
Storage
Shaped charges are high explosives. For best results, store under moderate temperatures and dry conditions in a well ventilated, approved explosives magazine.

Shelf Life
If stored and handled properly, the shelf life of Pentex™ SC-Large shaped charge is unlimited.

Hazardous Materials Shipping Description
Boosters, without detonator
Class and Division 1.1D,
UN 0059, PG II

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