40/60 ROSIN CORE TIN LEAD SOLDER

NOMINAL CHEMICAL COMPOSITION%:

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<tr>
<td>Lead</td>
<td>Remainder</td>
</tr>
<tr>
<td>Tin</td>
<td>39.5-41.5</td>
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<td>Antimony</td>
<td>0.20 – 0.50</td>
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TYPICAL PHYSICAL PROPERTIES:

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<tr>
<td>Solidus</td>
<td>361°F (183°C)</td>
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<tr>
<td>Liquidus</td>
<td>448°F (231°C)</td>
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SOLDERING PROPERTIES:

This tin-lead solder contains a 2.2% rosin core center and is a popular choice for soldering for electrical and electronic connections. Rosin core solders are generally used for small connections like this as there is a limited amount of flux available for protection of large surface areas.

Heat sources include soldering guns, irons, and air-fuel torches.

Lead bearing solders are not to be used in potable water systems.

AVAILABLE FORMS

Standard wire diameters

RECOMMENDED FLUX:

Additional flux is generally not used with rosin core solder as the rosin core provides necessary flux activity. Flux residue remaining after soldering is considered non-corrosive.

SPECIFICATION COMPLIANCE:

ASTM B32 Alloy Grade Sn 40A Type WRAP-2, J-STD-006 Sn40Pb60Sb0.4 Flux: ROL1

SAFETY INFORMATION:

WARNING: PROTECT yourself and others. Read and understand this information.

FUMES AND GASES can be hazardous to your health. HEAT RAYS, (infrared radiation) from flame or hot metal can injure eyes.

- Before use, read and understand the manufacturer’s instructions, Safety Data Sheets (SDS), and your employer’s safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the flame, or heat source, to keep fumes and gases from your breathing zone and the general area.
- Wear correct eye, ear, and body protection.

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