ULTIMATE MECHANICAL PROTECTION

FOR ENCLOSED WIRE CONDUCTORS

IMC INTERMEDIATE METAL CONDUIT
For Cable Management
ANSI C80.6 & UL 1242
IMC – A LIGHTER WEIGHT ALTERNATIVE TO RMC CONDUIT

PRODUCT FEATURES

- Manufactured to meet the specifications laid out in ANSI C80.6 and UL 1242.
- IMC has a larger internal diameter than RMC conduit to allow for easier fishing and wire-pulling.
- Hot-dipped galvanized outside and inside to increase corrosion resistance and protect against white rust.
- Clean interior weld bead after production to provide a smooth surface for easier wire-pulling. No need to worry about damage to the conduit system even when pulling through multiple 90° bends.
- IMC uses the same threaded couplings and fittings as RMC conduit.
- Supplied precision threaded, with a color code thread protector on one end and a coupling on the other.
- Available in trade size 1/2 inch (16mm) thru 4 inch (103mm).

APPLICATION ADVANTAGES

REXWAY IMC is manufactured to ensure absolute functionality in a variety of demanding environments. Be it indoor or outdoor, exposed or concealed, dry or wet locations. or even in hazardous locations when in accordance with National Electric Code (NEC) Article 342.

- Reusability for future additions or replacement of circuits.
- Non-combustibility reduces hazards from fire.
- Built-in ground capabilities eliminated the need for supplemental grounding conductors.
- Steel conduit acts as an Electromagnetic Interference (EMI) shield!
# Intermediate Metal Conduit (ANSI C80.6, UL 1242)

Material: Steel Hot-Dipped Galvanized

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Trade Size</th>
<th>Nominal Outside Diameter</th>
<th>Nominal Wall Thickness</th>
<th>Approximate Weight Per Length with Coupling</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inch</td>
<td>Inch</td>
<td>mm</td>
<td>Kg</td>
</tr>
<tr>
<td>C-MUL050</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>20.70</td>
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<td>C-MUL075</td>
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<tr>
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<td>3 – 1/2&quot;</td>
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<tr>
<td>C-MUL400</td>
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<td>4&quot;</td>
<td>113.43</td>
<td>3.81</td>
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</tbody>
</table>

* Length of Conduit: 10 ft / 3.05 meter

**Finishing:**
External & Internal Hot-dipped Galvanized

**Tolerance:**
1. Outside diameter tolerances:
   - Plus tolerances: no requirements
   - Minus tolerances: -
     - For trade sizes smaller than 1-1/4 (35): -1/64" (~ 0.40 mm)
     - For trade sizes 1-1/4 (35) and larger: -1%
2. Chamfer angle shall be between 11 and 15 degrees
3. All coupling shall have straight-tapped threads.
REXWAY not only provides IMC products, but also provides other rigid and flexible conduits, fittings and accessories to ANSI* and BS** standards. We at INSTEEL strive to only provide the best, and with REXWAY, your satisfaction can and will be guaranteed. For more information on our products, please do drop us an email, or visit our website and we will respond to you accordingly.

*Products under ANSI standards :-
- RMC to C80.1, UL6
- RMC Aluminum to C80.5
- RMC Stainless Steel to C80.5
- PVC Coated RMC to C80.1
- EMT to C80.3, UL797

**Products under BS standards :-
- Conduit & fittings under BS 4568 (Part 1 & 2), BS EN 50086-1, BS EN 50086-2-1, BS EN 61386-21, BS 31
- Flexible metal conduits with / without PVC sheath and low smoke zero halogen (LSOH), fittings & accessories to BS 731, BS EN 50086-2-3, BS EN 61386-23
- Switch & socket boxes to BS 4662

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