NONMETALLIC BOXES, COVERS AND ACCESSORIES
## MOST OFTEN REQUESTED SECTIONS OF THE 2014 NATIONAL ELECTRICAL CODE®

### 314.27 (A) Boxes at Lighting Fixture Outlets.
Boxes used at lighting fixture luminaire shall be designed for the purpose.

### 410.20 Space for Conductors.
Canopies and outlet boxes taken together shall provide adequate space so that fixture conductors and their connecting devices can be properly installed.

### 314.27 (B) Floor Boxes.
Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them free from physical damage, moisture and dirt.

### 314.27 (C) Boxes at Fan Outlets.
Boxes that support ceiling fans must be listed for that purpose.

### 410.36 (A) Means of Support — Outlet Boxes.
Where the outlet box or fitting will provide adequate support, a fixture shall be attached thereto or be supported as required by Section 314.27(A) (1) for boxes.

### 406.12, 406.3B, 406.4 Tamper-Resistant Receptacles in dwelling units.
This prevents shocks to small children that like to insert keys, paper clips, etc. into the receptacle slots.

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### HOW RACO® PRODUCTS HELP COMPLETE THE INSTALLATION

Our octagon boxes are designed for direct mounting of light fixtures of 6 lbs or less.

Device boxes are designed for the mounting, (by #6-32 screws), of devices such as snap-switches and receptacles. They are not suitable for support other than for very lightweight devices, such as a smoke alarm unit. (See Article 314.27 (A) (1) or wall fixtures 6 lbs. or less [See 314.27 (A) (1) [Exception].

When calculating the minimum cubic inch requirements for an outlet box, the canopy may be included in the calculation. However, the canopy of the fixture/fan needs to be marked with the cubic inch capacity. The volume of an unmarked canopy may be used at the discretion of the local authority having jurisdiction.

Only boxes that are UL Listed for the application may be fastened into the floor. RACO® floor boxes are in Section C in this catalog.

At any ceiling outlet that is intended to have a ceiling (paddle) fan installed, a UL Listed outlet box rated for ceiling fan support must be used. RACO offers a complete line of products designed for various applications and mounting needs.

All outlet boxes that are intended to be used with fixtures are tested in accordance with UL 514A for steel boxes, UL 514C for plastic boxes. The test does provide an ample margin for safety.
## NONMETALLIC BOXES, COVERS AND ACCESSORIES

### SINGLE-GANG

## NONMETALLIC CABLE BOXES

![Image of 7302RAC and 7873RAC nonmetallic boxes]

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION</th>
<th>CABLE KNOCKOUTS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>7302RAC</td>
<td>2-3/4&quot; Deep, 18.0 Cu. In. (294.9 cm³), Nails, 1/2&quot; Setback</td>
<td>4</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>7820RAC</td>
<td>3-3/16&quot; Deep, 20.3 Cu. In. (332.6 cm³), Nails, 1/2&quot; Setback</td>
<td>4</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>7873RAC</td>
<td>3-1/2&quot; Deep, 23.0 Cu. In. (376.8 cm³), Nails, 1/2&quot; Setback</td>
<td>4</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

### APPLICATIONS
- RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

### PRODUCT FEATURES
- RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists
- Oversized nail support that resists hammer impact and prevents box deformation

### STANDARD MATERIAL
- Made of heavy-duty PVC (Polyvinyl chloride) compound

### REFERENCE DATA
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

### COMPLIANCES
- UL Standard 514C
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488

[See end of section (Pg A84) for detailed drawings]
## Applications
- RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires.
- Accommodate wiring devices such as switches and receptacles.
- Provide excellent protection for wiring system or devices.

## Product Features
- RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install.
- Self-clamping wire entry clamps.
- Positioning tabs for fast accurate mounting on studs or joists.
- Oversized nail support that resists hammer impact and prevents box deformation.

## Standard Material
- Made of heavy-duty PVC (Polyvinyl chloride) compound.

## Reference Data
- Cable clamp U.S. Patent 4,605,816; Canada Patent 1,233,900.
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599.
- Four-gang box support U.S. Patent 4,666,055.

## Compliance
- UL Standard 514C.
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book.
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating (except 7645RAC), (building codes) UL Orange Book.
- Federal Manufacturer’s number 28488.

### Table

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION</th>
<th>CABLE KNOCKOUTS</th>
<th>CABLE CLAMPS</th>
<th>CUL. IN. CAP</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
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</thead>
<tbody>
<tr>
<td>7835RAC</td>
<td>Two-gang with Captive Nails for Wood Studs — For Nonmetallic Sheathed Cable</td>
<td>2-29/32&quot; Deep, Nails</td>
<td>—</td>
<td>8</td>
<td>32.5 (532.5 cm²)</td>
<td>15</td>
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<tr>
<td>7645RAC</td>
<td>Multi-gang with Captive Nails for Wood Studs — For Nonmetallic Sheathed Cable</td>
<td>2-5/8” Deep, Four-gang, Nails, 1/2” Setback, Bracket Support</td>
<td>—</td>
<td>12</td>
<td>55.0 (581.7 cm²)</td>
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<tr>
<td>7846RAC</td>
<td>Multi-gang, Large Capacity, with Captive Nails — For Wood Stud or Face Mounted to Wood or Metal Stud -Nonmetallic Sheathed Cable</td>
<td>2-3/4” Deep, Three-gang, Nails, 1/2” Setback</td>
<td>—</td>
<td>12</td>
<td>44.0 (720.8 cm²)</td>
<td>8</td>
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<tr>
<td>7848RAC</td>
<td>Multi-gang, Large Capacity, with Captive Nails — For Wood Stud or Face Mounted to Wood or Metal Stud -Nonmetallic Sheathed Cable</td>
<td>3-7/8” Deep, Two-gang, Nails, 1/2” Setback, Bracket Support</td>
<td>—</td>
<td>8</td>
<td>48.0 (786.5 cm²)</td>
<td>50</td>
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<tr>
<td>7874RAC</td>
<td>Multi-gang, Large Capacity, with Captive Nails — For Wood Stud or Face Mounted to Wood or Metal Stud -Nonmetallic Sheathed Cable</td>
<td>3-7/8” Deep, Three-gang, Nails, 1/2” Setback, Bracket Support</td>
<td>—</td>
<td>12</td>
<td>74.0 (1212.5 cm²)</td>
<td>50</td>
</tr>
</tbody>
</table>
## Nonmetallic Cable Boxes

### Applications
- RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

### Product Features
- RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists

### Standard Material
- Made of heavy-duty PVC (Polyvinyl chloride) compound

### Reference Data
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

### Compliance
- UL Standard 514C
- UL Listed (2001RAC)
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488

### Table: Single-gang with Brackets for Metal or Wood Studs – For Nonmetallic Sheathed Cable

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION</th>
<th>CABLE KNOCKOUTS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
</tr>
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<tbody>
<tr>
<td>7308RAC</td>
<td>1-1/4” Deep, 8.0 Cu. In. (131.0 cm³), 3/8” Setback, Bracket</td>
<td>2</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>7318RAC</td>
<td>1-1/4” Deep, 8.0 Cu. In. (131.0 cm³), Flanged, 3/8” Setback</td>
<td>2</td>
<td>25</td>
<td></td>
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<tr>
<td>7717RAC</td>
<td>2-27/32” Deep, 20.0 Cu. In. (327.7 cm³), Face Mount, 1/2” Setback</td>
<td>4</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>2001RAC</td>
<td>2-3/4” Deep, 18.0 Cu. In. (294.9 cm³), 1/2” Setback, Bracket, Ground Screw</td>
<td>4</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

See end of section (pg A84) for detailed drawings.
**APPLICATIONS**
- RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires.
- Accommodate wiring devices such as switches and receptacles.
- Provide excellent protection for wiring system or devices.

**PRODUCT FEATURES**
- RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install.
- Self-clamping wire entry clamps.
- Extra long, metal swing arms ensure secure installation.
- RACO® 7122RAC and 7922RAC feature wrap-around metal clamp to secure box to sheetrock.

**STANDARD MATERIAL**
- Made of heavy-duty PVC (Polyvinyl chloride) compound. 7122RAC and 7922RAC are polycarbonate.

**REFERENCE DATA**
- Old work support U.S. Patent 4,183,486.
- Cable clamp U.S. Patent 4,874,905.
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599.

**COMPLIANCE**
- Standard 514C.
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book.
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book.
- Federal Manufacturer’s number 28488.

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**OLD WORK WALL BOXES**

**NONMETALLIC CABLE BOXES**

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION AND SETBACK</th>
<th>CABLE CLAMPS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
<th>RECOMMENDED MAX. SUPPORT LOADS</th>
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</thead>
<tbody>
<tr>
<td>7887RAC</td>
<td>Single-gang, 2-29/32” Deep, 14.0 Cu. In. (229.4 cm³), Flush Mount</td>
<td>4</td>
<td>50</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>7488RAC</td>
<td>Two-gang, 2-3/4” Deep, 25.0 Cu. In. (409.6 cm³), Flush Mount</td>
<td>6</td>
<td>30</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>7122RAC</td>
<td>3-1/2” Round, 2-13/16” Deep, 18.0 Cu. In. (294.9 cm³), Flush Mount</td>
<td>4</td>
<td>100</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7922RAC</td>
<td>3-1/2” Round, 2-13/16” Deep, 18.0 Cu. In. (294.9 cm³), Flush Mount, Ground Plate</td>
<td>4</td>
<td>100</td>
<td>—</td>
<td></td>
</tr>
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**OLD WORK CABLE BOXES – For Nonmetallic Sheathed Cable**

- For Nonmetallic Sheathed Cable.
NONMETALLIC CABLE BOXES

### 4" Square Boxes — For Nonmetallic Sheathed Cable

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION</th>
<th>CABLE CLAMPS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
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<tbody>
<tr>
<td>7220RAC</td>
<td>1-5/8&quot; Deep, 18.0 Cu. In. (294.9 cm³), Nails</td>
<td>8</td>
<td>8</td>
<td>—</td>
</tr>
<tr>
<td>7232RAC</td>
<td>2-5/8&quot; Deep, 32.0 Cu. In. (524.3 cm³), Nails</td>
<td>10</td>
<td>8</td>
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### Accessories

<table>
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<th>DESCRIPTION</th>
<th>STD. PKG.</th>
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<tr>
<td>978</td>
<td>Far-side Box Support</td>
<td>50</td>
<td>—</td>
</tr>
<tr>
<td>980</td>
<td>BOX-LOC® Metal Stud Clip</td>
<td>50</td>
<td>—</td>
</tr>
</tbody>
</table>

#### APPLICATIONS
- RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

#### PRODUCT FEATURES
- RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- RACO® BOX-LOC® for metal studs can be installed to either the 7220RAC or 7232RAC quickly and easily. With just a push, it simply snaps into the grooves on the side of box. The 978 far-side box support can be added to complete a rigid and secure installation

#### STANDARD MATERIAL
- Made of heavy-duty PVC (Polyvinyl chloride) compound

#### COMPLIANCE
- Standard 514C
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer’s number 28488

#### REFERENCE DATA
- Cable clamp U.S. Patent 4,874,905 and 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- US Patent 4,898,357 (978)
- US Patent 5,408,045 (980)

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APPLICATIONS
• RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires
• Provide excellent protection for wiring system or devices
• For use wherever lighting fixture canopies are to be installed
• Ceiling boxes on this page are not designed for ceiling fan support

PRODUCT FEATURES
• RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
• Self-clamping wire entry clamps
• Round fixture boxes offer an optional front-mounted grounding screw
• Oversized nail support that resists hammer impact and prevents box deformation

STANDARD MATERIAL
• Made of heavy-duty engineered compound. Base material is polycarbonate

REFERENCE DATA
• Cable clamp U.S. Patent 4,874,905 and 4,605,816; Canada Patent 1,233,900
• Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
• Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

COMPLIANCES
• Standard 514C
• Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
• Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
• Federal Manufacturer’s number 28488

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION AND SETBACK</th>
<th>CABLE CLAMPS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
<th>RECOMMENDED MAX. SUPPORT LOADS</th>
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<tbody>
<tr>
<td>3-1/2&quot; Round Ceiling Boxes – With Captive Nails, For Nonmetallic Sheathed Cable</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>7119RAC</td>
<td>2-5/8&quot; Deep, 18.0 Cu. In. (294.9 cm³), 1/2&quot; Setback, Nails</td>
<td>4</td>
<td>75</td>
<td></td>
<td>---</td>
</tr>
<tr>
<td>7919RAC</td>
<td>2-5/8&quot; Deep, 18.0 Cu. In. (294.9 cm³), 1/2&quot; Setback, Nails, Ground Plate,</td>
<td>6</td>
<td>75</td>
<td></td>
<td>---</td>
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</tbody>
</table>

| 4" Round Ceiling Boxes – With Captive Nails, For Nonmetallic Sheathed Cable |
| 7823RAC | 2-3/8" Deep, 20.0 Cu. In. (327.7 cm³), 3/8" Setback, Nails | 4            | 75        |             | ---                           |
| 7824RAC | 2-3/8" Deep, 20.0 Cu. In. (327.7 cm³), Ground Plate, 3/8" Setback, Nails | 4            | 75        |             | ---                           |
NONMETALLIC BOXES, COVERS AND ACCESSORIES

ROUND CEILING BOXES

NONMETALLIC CABLE BOXES

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION AND SETBACK</th>
<th>CABLE CLAMPS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
<th>RECOMMENDED MAX. SUPPORT LOADS</th>
<th>APPLICATIONS</th>
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<tr>
<td>3-1/2&quot;</td>
<td><strong>Round Ceiling Set-up — For Spanning From Joist to Joist For Nonmetallic Sheathed Cable</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires</td>
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<tr>
<td>7307*</td>
<td>2-5/8&quot; Deep, 18.0 Cu. In. (294.9 cm³), 1/2&quot; Setback, Adj. 14-3/4&quot; - 22-1/2&quot;</td>
<td>4</td>
<td>25</td>
<td>111111</td>
<td>No 100 (Dynamic)</td>
<td>Provide excellent protection for wiring system or devices</td>
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<tr>
<td>7907*</td>
<td>2-5/8&quot; Deep, 18.0 Cu. In. (294.9 cm³), 1/2&quot; Setback, Adj. 14-3/4&quot; - 22-1/2&quot;, w/Ground Plate</td>
<td>4</td>
<td>25</td>
<td>111111</td>
<td>No 100 (Dynamic)</td>
<td>RACO® 7907, 7307, 7825, 7826RAC are not designed for ceiling fan support</td>
</tr>
<tr>
<td>4&quot;</td>
<td><strong>Round Ceiling Set-up — For Spanning From Joist to Joist For Nonmetallic Sheathed Cable</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install</td>
</tr>
<tr>
<td>7826RAC*</td>
<td>2-3/8&quot; Deep, 20.0 Cu. In. (327.7 cm³), Adj. 14-3/4&quot; - 22-1/2&quot;</td>
<td>6</td>
<td>25</td>
<td>111111</td>
<td>No 100 (Dynamic)</td>
<td>Self-clamping wire entry clamps</td>
</tr>
<tr>
<td>7825*</td>
<td>2-3/8&quot; Deep, 20.0 Cu. In. (327.7 cm³), Adj. 14-3/4&quot; - 22-1/2&quot;, w/Ground Plate</td>
<td>6</td>
<td>25</td>
<td>111111</td>
<td>No 100 (Dynamic)</td>
<td>Round fixture boxes offer an optional front-mounted grounding screw</td>
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</tbody>
</table>

© 10 Lbs. max. load recommended UL Rated for 50 Lbs. on 16” centers.

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION</th>
<th>KNOCKOUTS</th>
<th>STD. PKG.</th>
<th>UPC BARCODE</th>
<th>RECOMMENDED MAX. SUPPORT LOADS</th>
<th>APPLICATIONS</th>
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<tbody>
<tr>
<td>7120V8</td>
<td>12.5 Cu. In. (204.8 cm³)</td>
<td>4</td>
<td>24</td>
<td>70210</td>
<td></td>
<td>RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install</td>
</tr>
<tr>
<td>7120*</td>
<td>12.5 Cu. In. (204.8 cm³)</td>
<td>4</td>
<td>20*</td>
<td>70210</td>
<td></td>
<td>For use wherever fans (Cat. #7120, 7120-1, 7120-VB only) or lighting fixture canopies are to be installed</td>
</tr>
<tr>
<td>7120-1</td>
<td>12.5 Cu. In. (204.8 cm³)</td>
<td>4</td>
<td>24</td>
<td>70210</td>
<td></td>
<td>Made of heavy-duty engineered compound. Base material is polycarbonate</td>
</tr>
</tbody>
</table>

* Packaged in a stackable, individual chipboard display cartons.

COMPLIANCES
- UL Standard 514C
- All versions of RACO 7120 are UL approved for nonmetallic wiring systems
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer’s number 28488

APPLIANCES
- Cable clamp U.S. Patent 4,874,905 and 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Cat. #7120 U.S. Patent 5,234,119, Mexico Patent 175,825

STANDARD MATERIAL
- Made of heavy-duty engineered compound. Base material is polycarbonate

REFERENCE DATA
- Cable clamp U.S. Patent 4,874,905 and 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Cat. #7120 U.S. Patent 5,234,119, Mexico Patent 175,825

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CABLE BOXES

7320

7321

APPLICATIONS
- RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system or devices
- Accommodate wiring devices such as switches and receptacles

PRODUCT FEATURES
- RACO® Nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- All outlet boxes have a front-mounted grounding screw with combination straight/Robertson head
- Positioning tabs provide fast, accurate mounting on studs or joists
- Grounding screw provided

STANDARD MATERIAL
- Made of high strength Noryl®
- Noryl® is a registered trademark of General Electric Corporation

COMPLIANCE
- Specifications C22.2 #18
- Federal Manufacturer’s number 28488

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION</th>
<th>STD. PKGS.</th>
<th>UPC BAR CODE</th>
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<tbody>
<tr>
<td>Single Gang — Fast Wire</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7320</td>
<td>Shallow, Fast Wire, 17.0 Cu. In. (278.5 cm³)</td>
<td>50</td>
<td>—</td>
</tr>
<tr>
<td>7321</td>
<td>Fast Wire Clamp</td>
<td>1000</td>
<td>—</td>
</tr>
</tbody>
</table>
# NONMETALLIC CABLE BOXES

## APPLICATIONS
- Vapor barrier boxes prevent unwanted penetration of exterior air and help maintain the existing interior environment from elements outside of the structure.
- RACO® Nonmetallic vapor barrier cable boxes provide the installer with a cost alternative that is lightweight and easy to install.
- RACO® Nonmetallic cable boxes are used in branch circuit wiring to splice wires.
- Accommodate wiring devices such as switches and receptacles.
- Serve as fixture support.
- Provide excellent protection for wiring system or devices.
- RACO® 2027-FBAR is not designed for ceiling fan support.

## PRODUCT FEATURES
- Self-clamping wire entry clamps.
- 2027-FBAR and 7120VB boxes have a front-mounted grounding screw with combination straight/Robertson head.
- Vaper/air barrier flange and integral wire entry seal provides superior energy savings and quick installation.
- Hands free installation.
- For 1/2", 5/8", or 3/4" drywall.
- Unique saddle design straddles standard joists - 7120VB.
- 7120VB prevents unwanted penetration of exterior air and helps maintain the existing interior environment from the elements outside the structure.
- Fits any 1-1/2" wide joist.

## STANDARD MATERIAL
- Made of high strength Noryl®.
- Noryl® is a registered trademark of General Electric Corporation.

## COMPLIANCES
- Specifications C22.2 #18 - 2011FBAR, 2002FBAR, 2003FBAR, 2008FBAR.
- Federal Manufacturer’s number 28488.
- Standard 514C (7120VB).

## VAPOR BARRIER CABLE BOXES

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION AND SETBACK</th>
<th>CABLE CLAMPS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
<th>RECOMMENDED MAX. SUPPORT LOADS (Ceiling Fan Lbs. - Fixture Lbs.)</th>
<th>7120VB</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-FBAR</td>
<td>2-3/4&quot; Deep, 18.0 Cu. In. (294.9 cm³), 1/2&quot; Setback</td>
<td>4</td>
<td>50</td>
<td></td>
<td>No 50</td>
<td></td>
</tr>
<tr>
<td>2002-FBAR</td>
<td>2-3/4&quot; Deep, 37.0 Cu. In. (606.2 cm³), 1/2&quot; Setback</td>
<td>8</td>
<td>50</td>
<td></td>
<td>No 50</td>
<td></td>
</tr>
<tr>
<td>2003-FBAR</td>
<td>2-3/4&quot; Deep, 51.0 Cu. In. (835.6 cm³), 1/2&quot; Setback</td>
<td>12</td>
<td>25</td>
<td></td>
<td>No 50</td>
<td></td>
</tr>
<tr>
<td>2027-FBAR</td>
<td>2-5/8&quot; Deep, 27.15 Cu. In. (444.8 cm³), 1/2&quot; Setback</td>
<td>4</td>
<td>36</td>
<td></td>
<td>No 50</td>
<td></td>
</tr>
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</table>

## 4" Round Vapor Barrier Cable Box — For Ceiling

<table>
<thead>
<tr>
<th>CAT. #</th>
<th>DESCRIPTION AND SETBACK</th>
<th>CABLE CLAMPS</th>
<th>STD. PKG.</th>
<th>UPC BAR CODE</th>
<th>RECOMMENDED MAX. SUPPORT LOADS (Ceiling Fan Lbs. - Fixture Lbs.)</th>
<th>7120VB</th>
</tr>
</thead>
<tbody>
<tr>
<td>7120VB</td>
<td>2-5/8&quot; Deep, 12.5 Cu. In. (204.8 cm³)</td>
<td>4</td>
<td>24</td>
<td></td>
<td>70 210</td>
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### Nonmetallic Outlet Boxes

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>7302RAC</td>
<td>2-3/4&quot;</td>
<td>2-1/4&quot;</td>
<td>3-19/32&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>7820RAC</td>
<td>3-3/16&quot;</td>
<td>2-1/4&quot;</td>
<td>3-19/32&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>7873RAC</td>
<td>3-1/2&quot;</td>
<td>2-1/4&quot;</td>
<td>3-19/32&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>7308RAC</td>
<td>1-1/4&quot;</td>
<td>2-3/8&quot;</td>
<td>3-1/2&quot;</td>
<td>3/8&quot;</td>
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<tr>
<td>7318RAC</td>
<td>1-1/4&quot;</td>
<td>2-3/8&quot;</td>
<td>3-1/2&quot;</td>
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<tr>
<td>7717RAC</td>
<td>2-27/32&quot;</td>
<td>2-1/4&quot;</td>
<td>3-19/32&quot;</td>
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<tr>
<td>7848RAC</td>
<td>2-27/32&quot;</td>
<td>2-1/4&quot;</td>
<td>3-19/32&quot;</td>
<td>5/8&quot;</td>
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<tr>
<td>7874RAC</td>
<td>3-3/16&quot;</td>
<td>2-1/4&quot;</td>
<td>3-19/32&quot;</td>
<td>5/8&quot;</td>
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<tr>
<td>2001RAC</td>
<td>2-13/16&quot;</td>
<td>2-1/4&quot;</td>
<td>3-21/32&quot;</td>
<td>1/2&quot;</td>
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### Multi-gang Outlet Boxes

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Gang</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>7835RAC</td>
<td>2</td>
<td>4&quot;</td>
<td>2-29/32&quot;</td>
</tr>
<tr>
<td>7645RAC</td>
<td>4</td>
<td>7-5/8&quot;</td>
<td>2-5/8&quot;</td>
</tr>
<tr>
<td>7846RAC</td>
<td>3</td>
<td>5-7/8&quot;</td>
<td>2-3/4&quot;</td>
</tr>
<tr>
<td>7848RAC</td>
<td>2</td>
<td>4&quot;</td>
<td>3-31/32&quot;</td>
</tr>
<tr>
<td>7874RAC</td>
<td>3</td>
<td>8-7/16&quot;</td>
<td>3-31/32&quot;</td>
</tr>
</tbody>
</table>

### Old Work Nonmetallic Outlet Boxes

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Gang</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>7887RAC</td>
<td>1</td>
<td>2-29/32&quot;</td>
<td>3-1/8&quot;</td>
<td>2-1/4&quot;</td>
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<tr>
<td>7488RAC</td>
<td>2</td>
<td>2-3/4&quot;</td>
<td>4&quot;</td>
<td>3&quot;</td>
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### 4" Square with Captive Nails for Metal or Wood Studs

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>A (Depth)</th>
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<tbody>
<tr>
<td>7220RAC</td>
<td>1-5/8&quot;</td>
</tr>
<tr>
<td>7232RAC</td>
<td>2-5/8&quot;</td>
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</table>
NONMETALLIC BOXES, COVERS AND ACCESSORIES

NONMETALLIC CABLE BOXES

CATALOG NO'S 7119RAC, 7919RAC

CATALOG NO'S 7823RAC, 7824RAC

CATALOG NO'S 7122RAC, 7922RAC

CATALOG NO'S 7120, 7120-1, 7120VB

CATALOG NO'S 7307, 7907

CATALOG NO'S 7825, 7826RAC

CATALOG NO'S 7320

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