Rockfon® Curvgrid™ One-directional

Features & Benefits

- Create dramatic arch ceilings, waves, vaults and islands for interior spaces
- Curved and straight main tees connect with perimeter trim without the use of cross tees to form 24” wide ceiling modules
- Fully visible main tees and perimeter trim provide a seamless “ribbon” appearance
- Primary Carrier support for tees and trim requires fewer hanger wires
- Use with or without flexible infill panels

Applications

- Assembly Halls
- Auditoriums
- Lobbies
- Schools
- Hospitals

Project – Cushing Middle School in Cushing, OK
Product – Rockfon® Curvgrid™ One-directional
**Rockfon® Curvgrid™**

One-directional


<table>
<thead>
<tr>
<th>Family Number &amp; Name</th>
<th>Detail</th>
<th>Dimensions</th>
<th>Perforations* (% open area)</th>
<th>Material</th>
<th>NRC</th>
<th>Fire Class</th>
<th>Light Reflectance</th>
<th>Low VOC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>252574:CRVG:</strong></td>
<td>COD:</td>
<td>One-directional</td>
<td>4.9% Open Area</td>
<td>.32AL: 0.032” Aluminum</td>
<td>up to 0.90***</td>
<td>A</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td><strong>2448:</strong> 24” x 48” Panel</td>
<td>2472: 24” x 72” Panel</td>
<td>2496: 24” x 96” Panel</td>
<td><strong>CUST:</strong> **</td>
<td>Standard</td>
<td><strong>SOLID:</strong> 0%</td>
<td><strong>D:</strong> 16.2%</td>
<td><strong>E:</strong> 20.8%</td>
<td><strong>J:</strong> 58.2%</td>
</tr>
</tbody>
</table>

* For graphic representations of the perforation options, see the Rockfon Perforations Brochure.

** For designer specified Dimensions or Perforation, contact Rockfon Technical Services at 1-800-323-7164 or techservices@rockfon.com.

*** NRC values are dependent on perforation patterns, plenum depth and acoustical backer options. Contact Rockfon Technical Services for more information at 1-800-323-7164 or techservices@rockfon.com.

Note:
- Curvgrid One-directional metal lay-in panels are held in place with clips - see Curvgrid One-directional details.
- See Curvgrid One-directional Suspension chart for minimum radius information.
- Acoutex™ Backer standard with perforated panel.
- Perforated panel available without Acoutex.

Choose from the above product options to build your product code:

<table>
<thead>
<tr>
<th>Family Number &amp; Name</th>
<th>Detail</th>
<th>Standard Dimensions or Custom Dimensions</th>
<th>Perforation</th>
<th>Color*</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>252574:CRVG:</strong></td>
<td>COD:</td>
<td><strong>2448:</strong> 24” x 48” Panel, <strong>2472:</strong> 24” x 72” Panel, <strong>2496:</strong> 24” x 96” Panel</td>
<td><strong>CUST:</strong> **</td>
<td><strong>SOLID:</strong> 0%</td>
<td>.32AL</td>
</tr>
</tbody>
</table>

* Select one of our many color options, located on page 3
### Standard colors:

- **01 White**
- **08 Black**
- **44 Satin Silver**
- **888 Winchester Grey**

### Premium colors: **Color-all** Custom (color match)

### Metallic colors:

- **795 Champagne Metallic**
- **796 Beige Metallic**
- **797 Iron Glimmer Metallic**
- **798 Copper Metallic**

### Metalwood® Woodgrain Finishes*:

- **650R Maple**
- **651R Cherry**
- **652R Pumpkin Maple**
- **653R Oak**
- **654R Karri**
- **655R Bamboo**
- **656R Walnut**
- **401 Maple**
- **402 Oak**
- **403 Cherry**
- **404 Pumpkin Maple**
- **405 Karri**
- **406 Walnut**

### Woodscenestr® Painted Finishes†:

- **800 Lazy Maple**
- **801 Aged Teak**
- **803 Burnished Cherry**
- **804 Sleek Cherry**
- **805 Weathered Oak**
- **806 Barnwood Grey**

* Coordinating solid color to match Metalwood Woodgrain Finishes.
** Metalwood Woodgrain Finishes not available for Rockfon Curvgrid Suspension, CurvTrim or panels wider than 24"; use coordinating solid color. See footnote *.
* Metalwood Woodgrain Finishes are a 0.008" vinyl laminate that replicate real wood; variations in color and pattern will occur. For final panel thickness information contact Rockfon Technical Services at 1-800-323-7164 or techservices@rockfon.com. For interior use only.
† Woodscenestr Painted Finishes are a decorative powder coat finish that replicate real wood; variations in color and pattern will occur.

Note:
- Metalwood and Woodscenes grain direction is parallel to the length of the panel.
- See rockfon.com for more information on color options.

Colors shown are reproduced as close as possible to actual product color within the limitations of printing technology. Color chips are available upon request and should be reviewed before making a final selection. Variations in color matches of system components to ceiling panels can result from slight differences in texture, room lighting, painting process and subjectivity of observers.
## Curvgrid One-directional Suspension

<table>
<thead>
<tr>
<th>Detail</th>
<th>Product Number</th>
<th>Length</th>
<th>Slotting</th>
<th>Spacing</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curvgrid Suspension Tee (Convex, Concave and Straight)*</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1-1/2”</td>
<td></td>
<td>Main Tee** (Main Runner)</td>
<td></td>
<td></td>
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<tr>
<td>15/16”</td>
<td></td>
<td>Main Tee 144” - Standard</td>
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<tr>
<td></td>
<td></td>
<td>Main Tee 24” O.C. - Standard</td>
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<tr>
<td></td>
<td></td>
<td>Main Tee 24” O.C. - Standard (Custom Spacing available)</td>
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<tr>
<td></td>
<td>see footnote ***</td>
<td></td>
<td></td>
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<tr>
<td>** Main Tee**</td>
<td></td>
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<tr>
<td>168” - Standard</td>
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<tr>
<td>** Main Tee**</td>
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<tr>
<td>24” O.C. - Standard</td>
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<tr>
<td>** Main Tee**</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>(Custom Spacing available)</td>
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<tr>
<td>Primary Carrier</td>
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<td></td>
</tr>
<tr>
<td>1-1/2”</td>
<td></td>
<td>249651</td>
<td>as required per design</td>
<td>48” O.C. Standard</td>
<td>08 Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td>481.024.008</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

* Minimum convex and concave suspension radius is 36”.
** Curvgrid Suspension Tee made to order per design. For ordering information, contact Rockfon Technical Services at 1-800-323-7164 or techservices@rockfon.com.
*** Available in Standard, Premium, Metallic and Woodscenes finishes.

## CurvTrim Perimeter Trim

<table>
<thead>
<tr>
<th>CurvTrim</th>
<th>(Convex, Concave and Straight)</th>
<th>252584</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
- 36” minimum convex and concave radius.
- Available in Standard, Premium, Metallic and Woodscenes finishes.
Curvgrid One-directional System Accessories

Splice Plate
(Curvgrid Main Tee)
galvanized
250327
436.00

Grid Attachment Clip
(Curvgrid to CurvTrim)
galvanized
249362
433.00

Clip
(Primary Carrier
to Curvgrid)
galvanized
249365
442.00

Splice Plate
(Curvgrid to CurvTrim)
galvanized
249363
434.00

Clip
(Primary Carrier
to Hanger Wire)
galvanized
250328
441.00

Clip
(Primary Carrier
to CurvTrim)
galvanized
249366
443.00

Splice Plate
(CurvTrim)
galvanized
249367
444.00

Clip
(Please Carrier
to Curvgrid)
galvanized
249368
445.00

Clip
(Please Carrier
to CurvTrim)
galvanized
249369
446.00

Splice Plate
(CurvTrim
Outside Corner)
galvanized
249360
429.00

Hold Down Insert
(steel - prefinished)
249364
437.00

Hold Down Insert
(metal - black oxide)
249365
442.00

Hold Down Clip
(Clear Plastic)
250382
8886.00

Hold Down Clip
(metal - black oxide)
264683
63.26.200

Note:
For panels with maximum perforation percent (%) open area.

Acoustical Pads
(Poly-Wrapped Fiberglass)
(Black Plastic Wrap)

24” x 24” x 1”
250505
58.01.059.008

24” x 24” x 1-1/2”
250506
58.01.064.008

24” x 48” x 1”
250507
58.01.061.008

24” x 48” x 1-1/2”
250508
58.01.063.008

Note:
For panels with minimum perforation percent (%) open area.
Curvgrid Standard Details

Curvgrid One-directional Details

Curvgrid Design Layout Examples

Curvgrid One-directional System Detail Notes:
- See rockfon.com for more product information.
Material
0.032” Aluminum

Fire Performance
Surface burning characteristics:
UL723 (ASTM E84)
Flame Spread Index: 0
Smoke Developed Index
(UL Labeled): 0

Hygiene
Metal provides no sustenance to microorganisms

Environment
- Up to 85% recycled content
- 100% locally recyclable

Cleaning
- Damp Cloth

Warranty
1-Year Limited Product Warranty.
See rockfon.com

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