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

Product Code Example: **252574:CRVG:COD:2472:V:44:.32AL**

Family Number & Name:
252574 Curvgrid™ Metal Panel
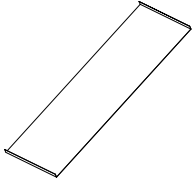
Dimensions:
24" x 72" Panel *Color: Satin Silver*

252574:CRVG:	COD:	2472:	V:	44:	.32AL

Detail: One-directional

Perforation Pattern: 4.9% Open Area

Material: 0.032" Aluminum

Family Number & Name	Detail	Dimensions	Perforations* (% open area)	Material	NRC	Fire Class	Light Reflectance	Low VOC
252574:CRVG: Curvgrid™ Metal Panel	**COD:** One-directional	**2448:** 24" x 48" Panel **2472:** 24" x 72" Panel **2496:** 24" x 96" Panel **CUST: ****	Standard **SOLID:** 0% **D:** 16.2% **E:** 20.8% **J:** 58.2% **Q:** 70% **R:** 11.1% **V:** 4.9% **AA:** 2.5% Premium see footnote * Custom **CUST: ****	**.32AL:** 0.032" Aluminum	up to 0.90***	A	–	✓

* 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

Family Number & Name	Detail	Standard Dimensions or Custom Dimensions	Perforation	Color*	Material
252574:CRVG:	COD:				.32AL

* 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	RAL COLOURS	Custom (color match)

Metallic colors:

795 Champagne Metallic	796 Beige Metallic	797 Iron Glimmer Metallic	798 Copper Metallic
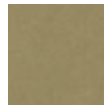
Metalwood® Woodgrain Finishes▲:

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*		
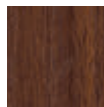
Woodscenes® Painted Finishes†:

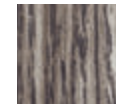|					
800 Lazy Maple	801 Aged Teak	803 Burnished Cherry	804 Sleek Cherry	805 Weathered Oak	806 Barnwood Grey

* 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.
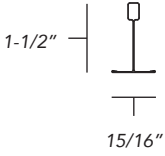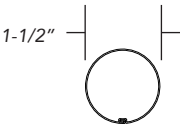*† Woodscenes Painted Finishes are a decorative powder coat finish that replicate real wood; variations in color and pattern will occur.*

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.

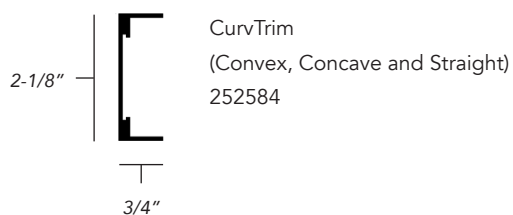## Curvgrid One-directional Suspension

Detail	Product Number	Length	Slotting	Spacing	Finish
Curvgrid Suspension Tee (Convex, Concave and Straight)*					
1-1/2" 15/16"	Main Tee** (Main Runner)	Main Tee 144" - Standard	Main Tee 24" O.C. - Standard	Main Tee 24" O.C. - Standard (Custom Spacing available)	see footnote ***
Primary Carrier					
1-1/2"	249651 481.024.008	as required per design	–	48" O.C. Standard	08 Black

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

2-1/8"   CurvTrim
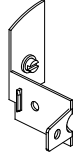(Convex, Concave and Straight)
252584

3/4"

Note:

- 36" minimum convex and concave radius.

- Available in Standard, Premium, Metallic and Woodscenes finishes.
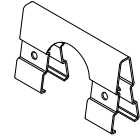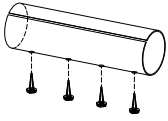
Curvgrid One-directional System Accessories
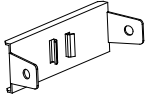
Splice Plate
(Curvgrid Main Tee)
(galvanized)
250327
436.00

Grid Attachment Clip
(Curvgrid to CurvTrim)
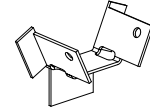(galvanized)
249362
433.00

Clip
(Primary Carrier
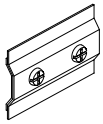to Curvgrid)
(galvanized)
249365
442.00
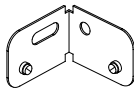
Splice
(Primary Carrier)
(galvanized)
249367
444.00

Clip
(Primary Carrier
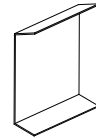to Hanger Wire)
(galvanized)
250328
441.00

Clip
(Primary Carrier
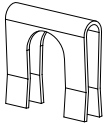to CurvTrim)
(galvanized)
249366
443.00

Splice Plate
(CurvTrim)
(galvanized)
249363
434.00

Splice Plate
(CurvTrim
Outside Corner)
(galvanized)
249360
429.00

Hold Down Insert
(steel - prefinished)
249364
437.00

Splice Clip
One-directional
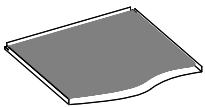(metal - black oxide)
250329
445.00

Hold Down Clip
(Clear Plastic)
250382
8886.00

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

Hold Down Clip
(metal - black oxide)
264683
63.26.200

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

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

24" x 24" x 1"   250505
                   58.01.059.008

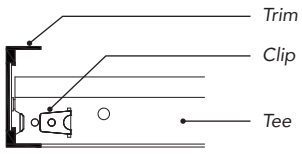24" x 24" x 1-1/2" 250509
                   58.01.064.008
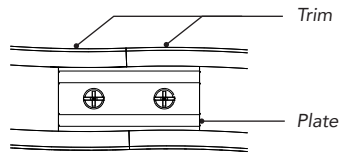
24" x 48" x 1"   250507
                   58.01.061.008

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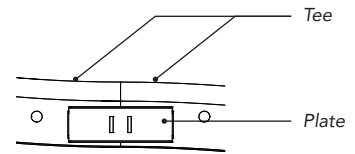   58.01.063.008

Curvgrid Standard Details

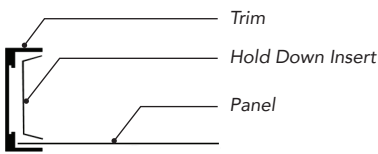**Curvgrid Tee to CurvTrim with Grid Attachment Clip**
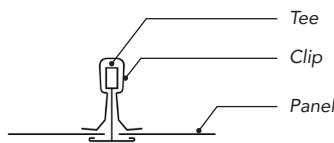
Trim
Clip
Tee

CurvTrim Splice Plate Connection

Trim
Plate

Curvgrid Tee Splice Plate Connection

Tee
Plate

Curvgrid One-directional Details

Panel at CurvTrim with Hold Down Insert

Trim
Hold Down Insert
Panel

Panel at Curvgrid Tee with Hold Down Clip - Clear

Tee
Clip
Panel

Panel at Curvgrid Tee with Hold Down Clip

Tee
Clip
Panel
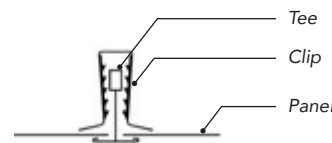
Panel to Panel with Splice Clip - One-directional

Clip
Panel
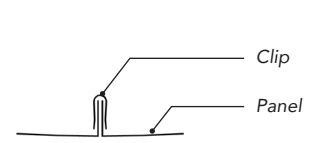
Curvgrid Design Layout Examples
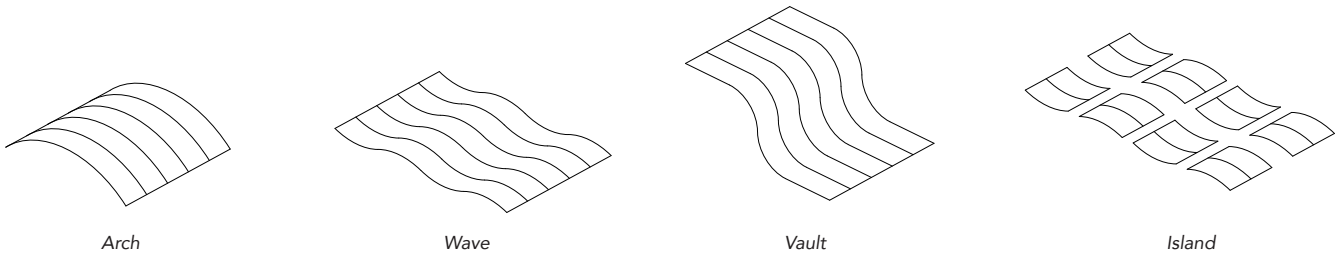
Arch

Wave

Vault

Island

Curvgrid One-directional System Detail

Splice 444.00
One-directional Panel
Primary Carrier
(shown with
Clip 442.00 &
Clip 441.00)
Hold Down Clip 8886.00
Main Tee
(Main Runner)

Splice Clip
One-directional
Clip 443.00
(inside face of trim)
CurvTrim
Splice Plate 434.00
(inside face of trim)
Splice Plate 436.00
Hold Down Insert
(inside face of trim)
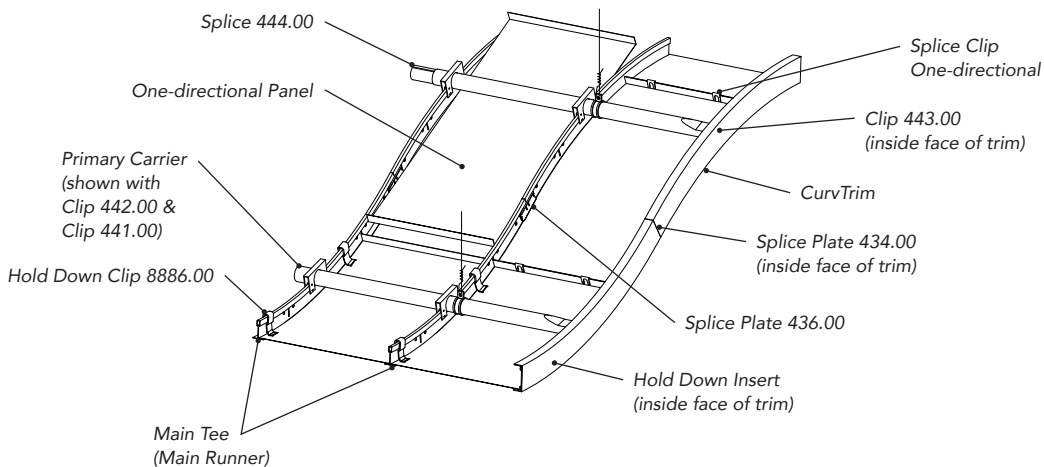
Curvgrid One-directional System Detail Notes:
- See rockfon.com for more product information.

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

Warranty

1
YEAR
WARRANTY

1-Year Limited
Product Warranty.
See rockfon.com

Environment

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

Cleaning

- Damp Cloth

080819

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