

\* PEDESTRIAN SLIDE PLATE THICKNESS DEPENDANT ON PROJECT SPECIFIC LOADING REQUIREMENTS. OPTIONAL STAINLESS STEEL SLIDE PLATE AVAILABLE UPON REQUEST. CONTACT MM SYSTEMS FOR ALTERNATE ATTACHMENT DESIGN FOR VEHICULAR TRAFFIC.

### SCG Series Expansion Joint

Sizes 200 through 1200  
(Slab-to-Slab)



50 MM WAY  
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706-824-7500 PHONE

[www.mm.systems](http://www.mm.systems)

For Spec-Data, Install Guides, and other data visit [www.mm.systems](http://www.mm.systems)

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#### Split Slab Membrane Cover Plate Gutter System

### SCG Series (200-1200)

Drawn by: LRM	Scale: NTS	Drawing Number:  <b>41275-01</b>
SHT. 1 OF 3	Issue Date: 07/15/2025	

### SCG SERIES EXPANSION JOINT MOVEMENT CHART

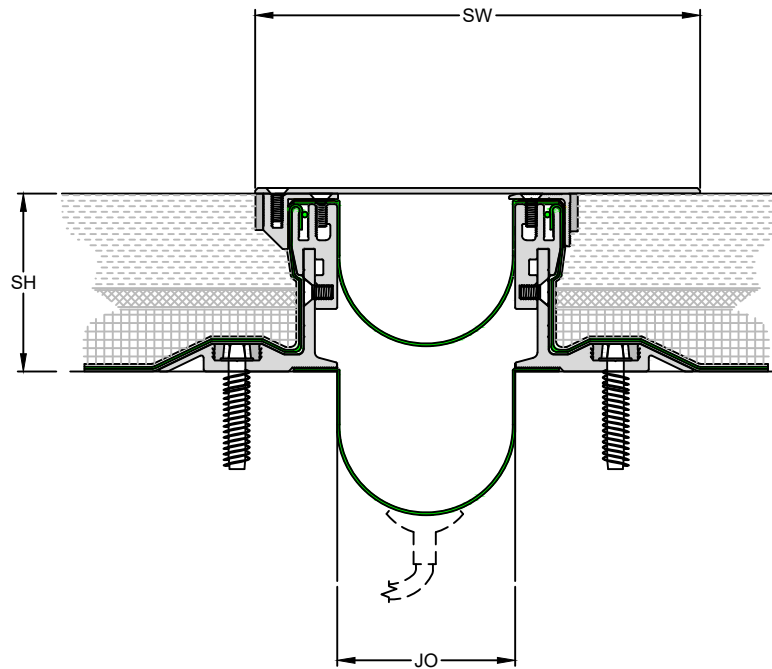
Model Number	Joint Opening (JO <sup>A</sup> )		Slide Plate Width (SW <sup>A</sup> )		Thermal Movement (JO <sup>B</sup> )				Seismic Movement (JO <sup>B</sup> )				Total (JO <sup>A</sup> )	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
SCG-200	<b>2.00</b>	51	<b>8.00</b>	203	<b>1.00</b>	25	<b>4.00</b>	102	<b>0.25</b>	6	<b>4.00</b>	102	<b>3.75</b>	95
SCG-400	<b>4.00</b>	102	<b>10.00</b>	254	<b>1.00</b>	25	<b>6.00</b>	152	<b>0.25</b>	6	<b>6.00</b>	152	<b>5.75</b>	146
SCG-600	<b>6.00</b>	152	<b>13.00</b>	330	<b>1.00</b>	25	<b>9.00</b>	229	<b>0.25</b>	6	<b>9.00</b>	229	<b>8.75</b>	222
SCG-800	<b>8.00</b>	203	<b>16.00</b>	406	<b>1.00</b>	25	<b>12.00</b>	305	<b>0.25</b>	6	<b>12.00</b>	305	<b>11.75</b>	298
SCG-1000	<b>10.00</b>	254	<b>19.00</b>	483	<b>1.00</b>	25	<b>15.00</b>	381	<b>0.25</b>	6	<b>15.00</b>	381	<b>14.75</b>	375
SCG-1200	<b>12.00</b>	304	<b>22.00</b>	559	<b>1.00</b>	25	<b>18.00</b>	457	<b>0.25</b>	6	<b>18.00</b>	457	<b>17.75</b>	451

Dimension shown in **inches** (bold) and millimeters. Refer to the SCG AutoCAD file for individual system drawings.

#### LOAD TABLE

	Safe Walking Surface
	ADA Compliant
	Extreme Weather
	Shopping Cart

Note: The SCG loading capabilities shown above are based upon average equipment weights, wheel types and sizes. For project-specific loading capabilities, contact MM Systems with technical data related to wheel type, contact area (footprint), distributed load per wheel, and speed of traffic.



Base Angle	System	
Size	Height (SH)	
4 x 2	3.25	83
4 x 2.25	3.5	89
4 x 2.5	3.75	95
4 x 2.75	4	102
4 x 3	4.25	108
4 x 3.25	4.5	114
4 x 3.5	4.75	121
4 x 3.75	5	127
4 x 4	5.25	133
4 x 4.25	5.5	140
4 x 4.5	5.75	146
4 x 4.75	6	152



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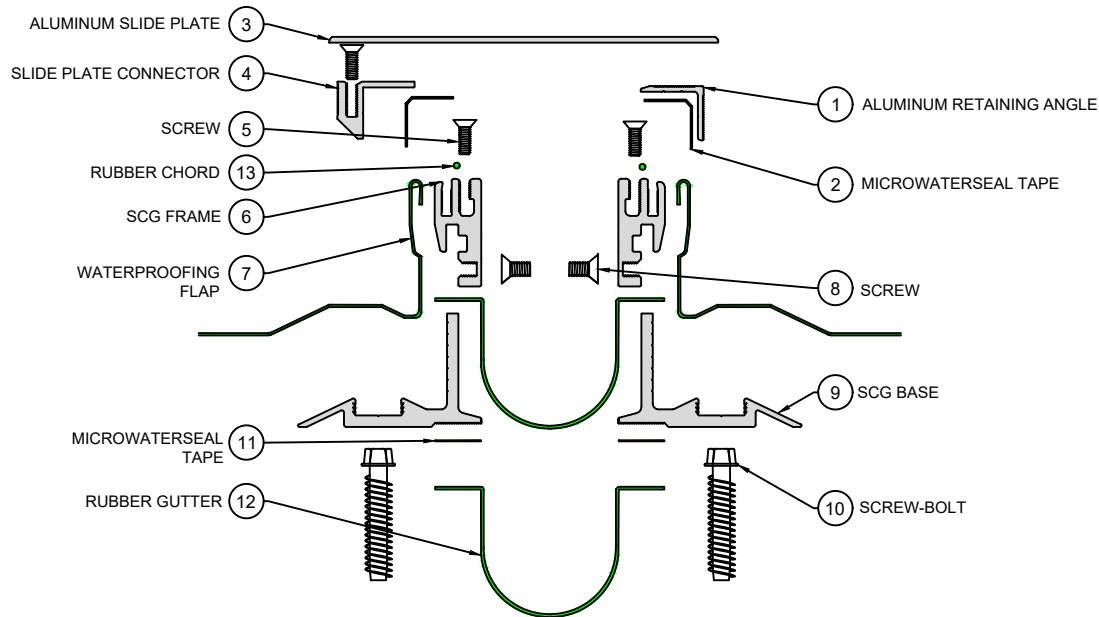
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**EXPLODED VIEW** ▲

**PART NUMBERS** ▼

Locator	Part Component	SCG-200	SCG-400	SCG-600	SCG-800	SCG-1000	SCG-1200
1	Aluminum Retaining Angle	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10
2	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
3	Aluminum Slide Plate	CPCA-AM-10-0800-00-1 2	CPCA-AM-10-1000-00-1 2	CPMB-AM-10-1300-00-1 2	CPMB-AM-10-1600-00-1 2	CPMB-AM-10-1900-00-1 2	CPMC-AM-10-2200-00-1 2
4	Slide Plate Connector	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10
5	Screw	9382	9382	9382	9382	9382	9382
6	SCG Frame	8436	8436	8436	8436	8436	8436
7	Waterproofing Flap	9118-12	9118-12	9118-12	9118-18	9118-18	9118-18
8	Screw	9348	9348	9348	9348	9348	9348
9	SCG Base	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart
10	Screw-Bolt	7420	7420	7420	7420	7420	7420
11	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1
12	Rubber Gutter	9109-12	9109-12	9109-12	9109-18	9109-18	9109-18
13	Rubber Chord	9457	9457	9457	9457	9457	9457

System Height	Base Frame
3.25"	7431#0200
3.50"	7431#0204
3.75"	7431#0208
4.00"	7431#0212
4.25"	7431#0300
4.50"	7431#0304
4.75"	7431#0308
5.00"	7431#0312
5.25"	7431#0400
5.50"	7431#0404
5.75"	7431#0408
6.00"	7431



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**SCG Series (200-1200)**

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