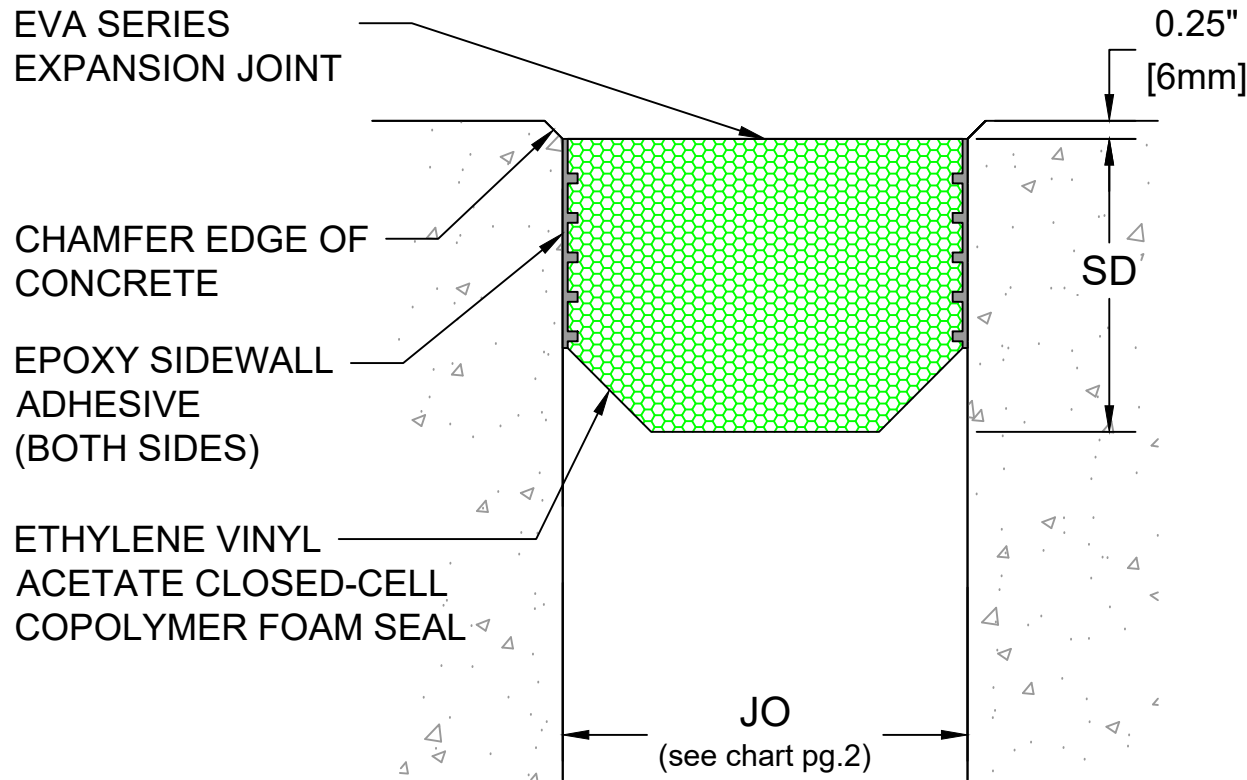




**EVA Series Expansion Joint**  
**Sizes 100 through 1200**  
 (Slab-to-Slab)



**MM<sup>®</sup>**  
**SYSTEMS**

50 MM WAY  
 PENDERGRASS, GA. 30567  
 706-824-7500 PHONE

[www.mm-usa.com](http://www.mm-usa.com)

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

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**Ethylene Vinyl Acetate Foam Seal**  
**EVA Series (100-1200)**

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 1 OF 2

Issue Date:

01/20/2025

**31175-01**

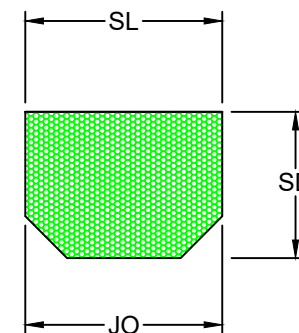
## EVA SERIES EXPANSION JOINT MOVEMENT CHART

| Model Number | Joint Opening (JO <sup>N</sup> ) |     | Sight Line (SL <sup>N</sup> ) |     | Thermal Movement (JO <sup>T</sup> ) |     |         |     | Seismic Movement (JO <sup>S</sup> ) |     |         |     | Installation Range (JO) |     |         |     | Total (JO <sup>A</sup> ) |     | Seal Depth (SD) |     |
|--------------|----------------------------------|-----|-------------------------------|-----|-------------------------------------|-----|---------|-----|-------------------------------------|-----|---------|-----|-------------------------|-----|---------|-----|--------------------------|-----|-----------------|-----|
|              | Nominal                          |     | Nominal                       |     | Minimum                             |     | Maximum |     | Minimum                             |     | Maximum |     | Minimum                 |     | Maximum |     | Movement                 |     |                 |     |
| EVA-100      | 1.00                             | 25  | 1.00                          | 25  | 0.400                               | 10  | 1.250   | 32  | 0.400                               | 10  | 1.250   | 32  | 1.00                    | 25  | 1.250   | 32  | 0.85                     | 22  | 1.50            | 38  |
| EVA-150      | 1.50                             | 38  | 1.50                          | 38  | 0.600                               | 15  | 1.875   | 48  | 0.600                               | 15  | 1.875   | 48  | 1.50                    | 38  | 1.875   | 48  | 1.28                     | 33  | 1.50            | 38  |
|              |                                  |     |                               |     |                                     |     |         |     |                                     |     |         |     |                         |     |         |     |                          |     |                 |     |
| EVA-200      | 2.00                             | 51  | 2.00                          | 51  | 0.800                               | 20  | 2.500   | 64  | 0.800                               | 20  | 2.500   | 64  | 2.00                    | 51  | 2.500   | 64  | 1.70                     | 43  | 3.00            | 76  |
| EVA-250      | 2.50                             | 64  | 2.50                          | 64  | 1.000                               | 25  | 3.125   | 79  | 1.000                               | 25  | 3.125   | 79  | 2.50                    | 64  | 3.125   | 79  | 2.13                     | 54  | 3.00            | 76  |
| EVA-300      | 3.00                             | 76  | 3.00                          | 76  | 1.200                               | 30  | 3.750   | 95  | 1.200                               | 30  | 3.750   | 95  | 3.00                    | 76  | 3.750   | 95  | 2.55                     | 65  | 3.00            | 76  |
| EVA-350      | 3.50                             | 89  | 3.50                          | 89  | 1.400                               | 36  | 4.375   | 111 | 1.400                               | 36  | 4.375   | 111 | 3.50                    | 89  | 4.375   | 111 | 2.98                     | 76  | 3.00            | 76  |
| EVA-400      | 4.00                             | 102 | 4.00                          | 102 | 1.600                               | 41  | 5.000   | 127 | 1.600                               | 41  | 5.000   | 127 | 4.00                    | 102 | 5.000   | 127 | 3.40                     | 86  | 3.00            | 76  |
| EVA-450      | 4.50                             | 114 | 4.50                          | 114 | 1.800                               | 46  | 5.625   | 143 | 1.800                               | 46  | 5.625   | 143 | 4.50                    | 114 | 5.625   | 143 | 3.83                     | 97  | 3.00            | 76  |
| EVA-500      | 5.00                             | 127 | 5.00                          | 127 | 2.000                               | 51  | 6.250   | 159 | 2.000                               | 51  | 6.250   | 159 | 5.00                    | 127 | 6.250   | 159 | 4.25                     | 108 | 3.00            | 76  |
| EVA-550      | 5.50                             | 140 | 5.50                          | 140 | 2.200                               | 56  | 6.875   | 175 | 2.200                               | 56  | 6.875   | 175 | 5.50                    | 140 | 6.875   | 175 | 4.68                     | 119 | 3.00            | 76  |
|              |                                  |     |                               |     |                                     |     |         |     |                                     |     |         |     |                         |     |         |     |                          |     |                 |     |
| EVA-600      | 6.00                             | 152 | 6.00                          | 152 | 2.400                               | 61  | 7.500   | 191 | 2.400                               | 61  | 7.500   | 191 | 6.00                    | 152 | 7.500   | 191 | 5.10                     | 130 | 4.00            | 102 |
| EVA-650      | 6.50                             | 165 | 6.50                          | 165 | 2.600                               | 66  | 8.125   | 206 | 2.600                               | 66  | 8.125   | 206 | 6.50                    | 165 | 8.125   | 206 | 5.53                     | 140 | 4.00            | 102 |
| EVA-700      | 7.00                             | 178 | 7.00                          | 178 | 2.800                               | 71  | 8.750   | 222 | 2.800                               | 71  | 8.750   | 222 | 7.00                    | 178 | 8.750   | 222 | 5.95                     | 151 | 4.00            | 102 |
| EVA-750      | 7.50                             | 191 | 7.50                          | 191 | 3.000                               | 76  | 9.375   | 238 | 3.000                               | 76  | 9.375   | 238 | 7.50                    | 191 | 9.375   | 238 | 6.38                     | 162 | 4.00            | 102 |
| EVA-800      | 8.00                             | 203 | 8.00                          | 203 | 3.200                               | 81  | 10.000  | 254 | 3.200                               | 81  | 10.000  | 254 | 8.00                    | 203 | 10.000  | 254 | 6.80                     | 173 | 4.00            | 102 |
|              |                                  |     |                               |     |                                     |     |         |     |                                     |     |         |     |                         |     |         |     |                          |     |                 |     |
| EVA-850      | 8.50                             | 216 | 8.50                          | 216 | 3.400                               | 86  | 10.625  | 270 | 3.400                               | 86  | 10.625  | 270 | 8.50                    | 216 | 10.625  | 270 | 7.23                     | 184 | 6.00            | 152 |
| EVA-900      | 9.00                             | 229 | 9.00                          | 229 | 3.600                               | 91  | 11.250  | 286 | 3.600                               | 91  | 11.250  | 286 | 9.00                    | 229 | 11.250  | 286 | 7.65                     | 194 | 6.00            | 152 |
| EVA-950      | 9.50                             | 241 | 9.50                          | 241 | 3.800                               | 97  | 11.875  | 302 | 3.800                               | 97  | 11.875  | 302 | 9.50                    | 241 | 11.875  | 302 | 8.08                     | 205 | 6.00            | 152 |
| EVA-1000     | 10.00                            | 254 | 10.00                         | 254 | 4.000                               | 102 | 12.500  | 318 | 4.000                               | 102 | 12.500  | 318 | 10.00                   | 254 | 12.500  | 318 | 8.50                     | 216 | 6.00            | 152 |
| EVA-1050     | 10.50                            | 267 | 10.50                         | 267 | 4.200                               | 107 | 13.125  | 333 | 4.200                               | 107 | 13.125  | 333 | 10.50                   | 267 | 13.125  | 333 | 8.93                     | 227 | 6.00            | 152 |
| EVA-1100     | 11.00                            | 279 | 11.00                         | 279 | 4.400                               | 112 | 13.750  | 349 | 4.400                               | 112 | 13.750  | 349 | 11.00                   | 279 | 13.750  | 349 | 9.35                     | 237 | 6.00            | 152 |
| EVA-1150     | 11.50                            | 292 | 11.50                         | 292 | 4.600                               | 117 | 14.375  | 365 | 4.600                               | 117 | 14.375  | 365 | 11.50                   | 292 | 14.375  | 365 | 9.78                     | 248 | 6.00            | 152 |
| EVA-1200     | 12.00                            | 305 | 12.00                         | 305 | 4.800                               | 122 | 15.000  | 381 | 4.800                               | 122 | 15.000  | 381 | 12.00                   | 305 | 15.000  | 381 | 10.20                    | 259 | 6.00            | 152 |

IMPORTANT NOTE: If the actual concrete joint opening is less than the specified nominal dimension (this may occur in hot summer months) then the install will be difficult. Do not use a smaller seal size because it may not accommodate wider openings during cold winter months. Either wait for colder temperatures (joint opens) to install or contact MM Systems for alternate seal options.

Dimension shown in **inches** (bold) and millimeters.

EVA Series seals compress 60% and expand 25% from the nominal dimension after installation.



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### Ethylene Vinyl Acetate Foam Seal

## EVA Series (100-1200)

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