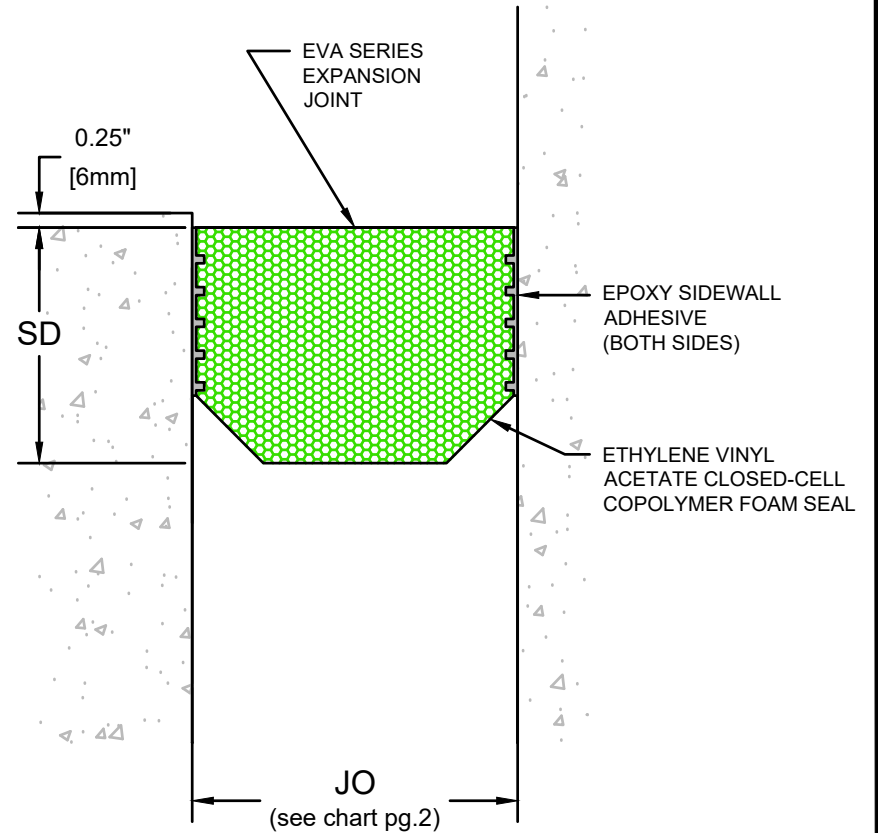


EVA Series Expansion Joint
(Slab-to-Slab)



EVA Series Expansion Joint
(Slab-to-Wall)



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For Spec-Data, Install Guides, and other data visit www.mm-usa.com

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**Ethylene Vinyl Acetate Foam Rubber Expansion Joint
EVA Series**

| | | |
|------------------|---------------------------|--|
| Drawn by: MVP | Scale: NTS | Drawing Number: 31175-01 |
| SHT. 1 OF 2 | Issue Date: 05/26/2020 | |

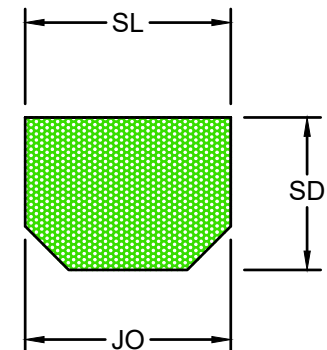
EVA SERIES EXPANSION JOINT MOVEMENT CHART

| Model Number | Joint Opening (JO ^N) | | Sight Line (SL ^N) | | Thermal Movement (JO ^T) | | | | Seismic Movement (JO ^S) | | | | Installation Range (JO) | | | | Total (JO ^A) | | 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 | 4.50 | 114 |
| 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 | 4.50 | 114 |
| 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 | 4.50 | 114 |
| 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 | 4.50 | 114 |
| 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 | 4.50 | 114 |
| 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 |

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

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

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.



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Ethylene Vinyl Acetate Foam Rubber Expansion Joint EVA Series

Drawn by:
MVP

Scale:
NTS

Drawing Number:

SHT. 2 OF 2

Issue Date:
05/26/2020

31175-02