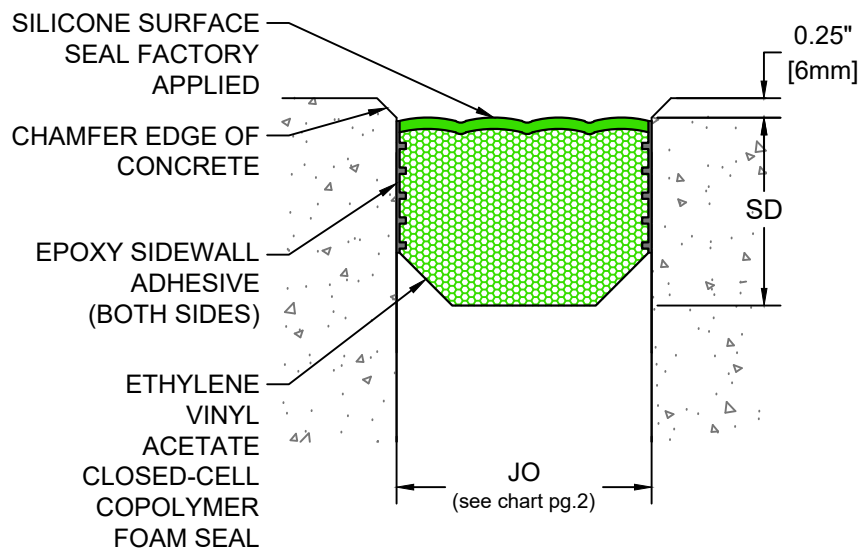
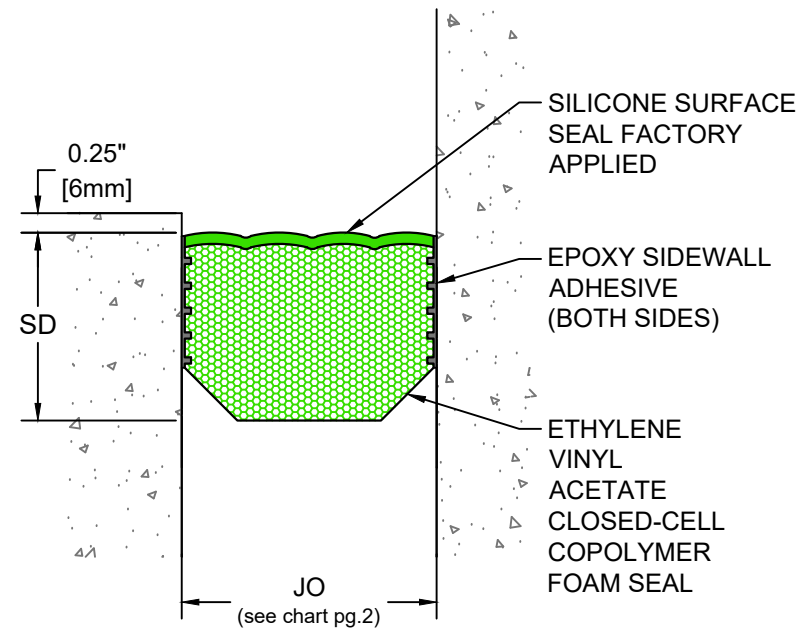




**SCE-H Horizontal Series
Expansion Joint**
Sizes 100 through 1200
(Slab-to-Slab)



**SCE-H Horizontal Series
Expansion Joint**
Sizes 100 through 1200
(Slab-to-Wall)



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

www.mm-usa.com

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Silicone Covered EVA Foam SCE-H Horizontal Series (100-1200)

Drawn by: MVP	Scale: NTS	Drawing Number:
Sheet: 1 OF 2	Issue Date: 05/27/2020	31225-01

SCE-H 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			
SCE-H-100	1.00	25	1.00	25	0.40	10	1.25	32	0.40	10	1.25	32	1.00	25	1.25	32	0.85	22	1.50	38
SCE-H-150	1.50	38	1.50	38	0.60	15	1.875	48	0.60	15	1.875	48	1.50	38	1.875	48	1.28	33	1.50	38
▼ Cover plate required on all sizes 2.00 inch and larger ▼																				
SCE-H-200	2.00	51	2.00	51	0.80	20	2.50	64	0.80	20	2.50	64	2.00	51	2.50	64	1.70	43	3.00	76
SCE-H-250	2.50	64	2.50	64	1.00	25	3.125	79	1.00	25	3.125	79	2.50	64	3.125	79	2.13	54	3.00	76
SCE-H-300	3.00	76	3.00	76	1.20	30	3.75	95	1.20	30	3.75	95	3.00	76	3.75	95	2.55	65	3.00	76
SCE-H-350	3.50	89	3.50	89	1.40	36	4.375	111	1.40	36	4.375	111	3.50	89	4.375	111	2.98	76	3.00	76
SCE-H-400	4.00	102	4.00	102	1.60	41	5.00	127	1.60	41	5.00	127	4.00	102	5.00	127	3.40	86	3.00	76
SCE-H-450	4.50	114	4.50	114	1.80	46	5.625	143	1.80	46	5.625	143	4.50	114	5.625	143	3.83	97	3.00	76
SCE-H-500	5.00	127	5.00	127	2.00	51	6.25	159	2.00	51	6.25	159	5.00	127	6.25	159	4.25	108	3.00	76
SCE-H-550	5.50	140	5.50	140	2.20	56	6.875	175	2.20	56	6.875	175	5.50	140	6.875	175	4.68	119	3.00	76
SCE-H-600	6.00	152	6.00	152	2.40	61	7.50	191	2.40	61	7.50	191	6.00	152	7.50	191	5.10	130	4.00	102
SCE-H-650	6.50	165	6.50	165	2.60	66	8.125	206	2.60	66	8.125	206	6.50	165	8.125	206	5.53	140	4.00	102
SCE-H-700	7.00	178	7.00	178	2.80	71	8.75	222	2.80	71	8.75	222	7.00	178	8.75	222	5.95	151	4.00	102
SCE-H-750	7.50	191	7.50	191	3.00	76	9.375	238	3.00	76	9.375	238	7.50	191	9.375	238	6.38	162	4.00	102
SCE-H-800	8.00	203	8.00	203	3.20	81	10.00	254	3.20	81	10.00	254	8.00	203	10.00	254	6.80	173	4.00	102
SCE-H-850	8.50	216	8.50	216	3.40	86	10.625	270	3.40	86	10.625	270	8.50	216	10.625	270	7.23	184	6.00	152
SCE-H-900	9.00	229	9.00	229	3.60	91	11.25	286	3.60	91	11.25	286	9.00	229	11.25	286	7.65	194	6.00	152
SCE-H-950	9.50	241	9.50	241	3.80	97	11.875	302	3.80	97	11.875	302	9.50	241	11.875	302	8.08	205	6.00	152
SCE-H-1000	10.00	254	10.00	254	4.00	102	12.50	318	4.00	102	12.50	318	10.00	254	12.50	318	8.50	216	6.00	152
SCE-H-1050	10.50	267	10.50	267	4.20	107	13.125	333	4.20	107	13.125	333	10.50	267	13.125	333	8.93	227	6.00	152
SCE-H-1100	11.00	279	11.00	279	4.40	112	13.75	349	4.40	112	13.75	349	11.00	279	13.75	349	9.35	237	6.00	152
SCE-H-1150	11.50	292	11.50	292	4.60	117	14.375	365	4.60	117	14.375	365	11.50	292	14.375	365	9.78	248	6.00	152
SCE-H-1200	12.00	305	12.00	305	4.80	122	15.00	381	4.80	122	15.00	381	12.00	305	15.00	381	10.20	259	6.00	152

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

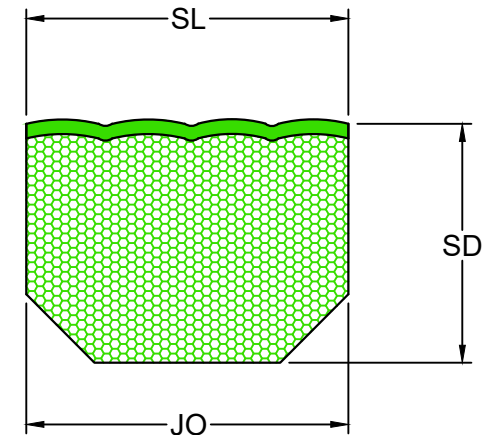
Epoxy sidewall adhesive required on all sizes

Cover plate required on all sizes 2 inch and larger.

Refer to the SCE-H AutoCAD file for individual seal drawings.

SCE-H 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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Silicone Covered EVA Foam SCE-H Horizontal Series (100-1200)

Drawn by:
MVP

Scale:
NTS

Drawing Number:

Sheet: 2 OF 2

Issue Date:
05/27/2020

31225-01