

SILICONE
SURFACE SEAL
FACTORY APPLIED

CHAMFER EDGE
OF CONCRETE

SILICONE FILLET
BEAD
(USE ON
IRREGULAR
SUBSTRATES)

EPOXY SIDEWALL
ADHESIVE
(BOTH SIDES)

SELF-EXPANDING
MICRO-CELL FOAM
(FACTORY PRE-
COMPRESSED TO
LESS THAN
NOMINAL)

NOTE: COVER PLATE
RECOMMENDED BUT NOT
SHOWN

EIS Series Expansion Joint Sizes 050 through 800 (Slab-to-Slab)

EIS-400
EXPANSION
JOINT

0.25"
[6mm]

SD

JO
(see chart pg.2)

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NOTE: COVER PLATES ARE
AVAILABLE AS AN OPTION TO
PROTECT THE FOAM SEALS
BUT ARE NOT MANDATORY

EIS Series Expansion Joint Sizes 050 through 800 (Slab-to-Wall)



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

www.mm.systems

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

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Expanding Impregnated Seal Expansion Joint EIS Series (050-800)

Drawn by:
BDM

SHT. 1 OF 2

Scale:
NTS

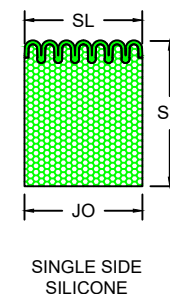
Issue Date:
12/20/2023

Drawing Number:

31650-01

EIS SERIES EXPANSION JOINT MOVEMENT CHART

Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal / Seismic Movement (JO ^T)				Total (JO ^A)		Lateral		Vertical		Seal Depth (SD)	
	Nominal		Nominal		Minimum		Maximum		Movement		Shear		Displacement			
EIS-050	0.50	13	0.50	13	0.250	6	0.750	19	0.50	13	0.50	13	0.50	13	2.00	51
EIS-063	0.63	16	0.63	16	0.315	8	0.945	24	0.63	16	0.63	16	0.63	16	2.00	51
EIS-075	0.75	19	0.75	19	0.375	10	1.125	29	0.75	19	0.75	19	0.75	19	2.00	51
EIS-100	1.00	25	1.00	25	0.500	13	1.500	38	1.00	25	1.00	25	1.00	25	2.00	51
EIS-125	1.25	32	1.25	32	0.625	16	1.875	48	1.25	32	1.25	32	1.25	32	2.00	51
EIS-150	1.50	38	1.50	38	0.750	19	2.250	57	1.50	38	1.50	38	1.50	38	2.00	51
EIS-175	1.75	44	1.75	44	0.875	22	2.625	67	1.75	44	1.75	44	1.75	44	2.00	51
▼ Cover plate required on all sizes 2.00 inch and larger ▼																
EIS-200	2.00	51	2.00	51	1.000	25	3.000	76	2.00	51	2.00	51	2.00	51	3.00	76
EIS-225	2.25	57	2.25	57	1.125	29	3.375	86	2.25	57	2.25	57	2.25	57	3.00	76
EIS-250	2.50	64	2.50	64	1.250	32	3.750	95	2.50	64	2.50	64	2.50	64	3.00	76
EIS-275	2.75	70	2.75	70	1.375	35	4.125	105	2.75	70	2.75	70	2.75	70	3.00	76
EIS-300	3.00	76	3.00	76	1.500	38	4.500	114	3.00	76	3.00	76	3.00	76	3.00	76
EIS-325	3.25	83	3.25	83	1.625	41	4.875	124	3.25	83	3.25	83	3.25	83	3.00	76
EIS-350	3.50	89	3.50	89	1.750	44	5.250	133	3.50	89	3.50	89	3.50	89	3.00	76
EIS-375	3.75	95	3.75	95	1.875	48	5.625	143	3.75	95	3.75	95	3.75	95	3.00	76
EIS-400	4.00	102	4.00	102	2.000	51	6.000	152	4.00	102	4.00	102	4.00	102	4.00	102
EIS-425	4.25	108	4.25	108	2.125	54	6.375	162	4.25	108	4.25	108	4.25	108	4.00	102
EIS-450	4.50	114	4.50	114	2.250	57	6.750	178	4.50	114	4.50	114	4.50	114	4.00	102
EIS-475	4.75	121	4.75	121	2.375	60	7.125	181	4.75	121	4.75	121	4.75	121	4.00	102
EIS-500	5.00	127	5.00	127	2.500	64	7.500	191	5.00	127	5.00	127	5.00	127	4.00	102
EIS-525	5.25	133	5.25	133	2.625	67	7.875	200	5.25	133	5.25	133	5.25	133	6.00	152
EIS-550	5.50	140	5.50	140	2.750	70	8.125	210	5.50	140	5.50	140	5.50	140	6.00	152
EIS-575	5.75	146	5.75	146	2.875	73	8.625	219	5.75	146	5.75	146	5.75	146	6.00	152
EIS-600	6.00	152	6.00	152	3.000	76	9.000	229	6.00	152	6.00	152	6.00	152	6.00	152
EIS-650	6.50	165	6.50	165	3.250	83	9.750	248	6.50	165	6.50	165	6.50	165	6.00	152
EIS-700	7.00	178	7.00	178	3.500	89	10.500	267	7.00	178	7.00	178	7.00	178	6.00	152
EIS-750	7.50	191	7.50	191	3.750	95	11.250	286	7.50	191	7.50	191	7.50	191	6.00	152
EIS-800	8.00	203	8.00	203	4.000	102	12.000	305	8.00	203	8.00	203	8.00	203	6.00	152



Dimension shown in **inches** (bold) and millimeters. Contact MM Systems for larger system sizes.

See EIS-Plus for seals not requiring mandatory cover plates.

Refer to the EIS AutoCAD file for individual seal drawings.

*Cover plate recommended on all sizes above 2 inches and larger. 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.



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Expanding Impregnated Seal Expansion Joint EIS Series (050-800)

Drawn by:
BDM

SHT. 2 OF 2

Scale:
NTS

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12/20/2023

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31650-01