



EVACON

JOINT SELECTION CHART

Range of (inch) (mm) anticipated
movement capabilities @ 70°F (21°C)

Joint Opening @ 68°F Ambient		E-50 W		E-50 D		C		T	
½"	13mm	¾"	19mm	¾"	19mm	0.38	10mm	0.94	24mm
¾"	19mm	1"	26mm	⅞"	20mm	-	-	-	-
1"	26mm	1 ¼"	32mm	1"	26mm	0.63	16mm	1.56	40mm
1-¼"	32mm	1 ½"	39mm	1 ¼"	32mm	-	-	-	-
1 ½"	39mm	2"	51mm	1 ½"	39mm	0.94	24mm	2.34	60mm
1 ¾"	45mm	2 ¼"	57mm	2"	51mm	1.13	29mm	2.81	71mm
2"	51mm	2 ½"	64mm	2"	51mm	1.25	32mm	3.13	80mm
2 ¼"	57mm	3"	77mm	2 ½"	64mm	1.43	36mm	3.59	91mm
2- ½"	64mm	3 ¼"	80mm	2 ½"	64mm	1.57	40mm	3.91	99mm
2- ¾"	70mm	3 ½"	89mm	2 ½"	64mm	1.75	44mm	4.38	111mm
3"	77mm	3 ¾"	94mm	2 ½"	64mm	1.88	48mm	4.69	119mm
3 ¼"	83mm	4	104mm	3"	77mm	2	51mm	5	127mm
3 ½"	90mm	4 ¼"	111mm	3"	77mm	2.19	56mm	5.48	139mm
3 ¾"	95mm	4 ½"	120mm	3"	77mm	2.32	60mm	5.79	147mm
4	102mm	5"	129mm	3 ½"	89mm	2.5	64mm	6.25	159mm

W = Joint Opening
Material Width

D = Material Depth

C = Compression

T = Tension