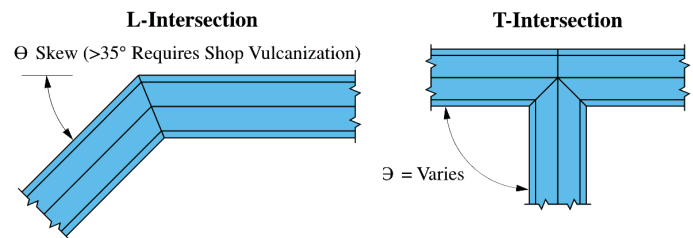


Steelflex® Strip Seal Expansion Joint Systems





Polychloroprene Sealing Elements

Selection of a polychloroprene strip seal sealing element is based on the maximum movement either perpendicular (MR_{\perp}) or parallel (MR_{\parallel}) to the Steelflex® Strip Seal Assembly. To assist in your selection, the following table provides movement ranges for each sealing element type and the corresponding proprietary steel rail profile. Information is also provided on the range of joint opening dimensions. The preferred joint opening dimensions for sealing element installation is approximately 2.0 inches (51mm). However, the preferred joint opening dimension for A2R-O and L2-O seals is approximately 3.0 inches (76mm). Polychloroprene strip seal sealing elements are installed in a continuous piece, without vulcanization, up to a 35 degree angle. All

D.S. Brown polychloroprene sealing elements are in-house designed and tested to provide a watertight seal at the connection to the Steelflex® rail profile. Factory molded polychloroprene sealing element splices can also be produced to accommodate your specific project needs.



Sealing Element Vulcanized Splices

Sealing Element Cross-Section	Sealing Element	Movement Range		Joint Opening	Corresponding Steelflex Rail
		MR_{\perp}	MR_{\parallel}		
 A2R	A2R-400	4.0 (102)	±2.0 (51)	0.5 - 4.5 (13) (114)	
	A2R-500	5.0 (127)	±2.0 (51)	0.5 - 5.5 (13) (140)	SSCM2 SSA2
	A2R-XTRA	5.0 (127)	±2.0 (51)	0.5 - 7.5 (13) (191)	
 A2R-O	A2R-O	4.0 (102)	±0.5 (13)	1.0 - 5.0 (25) (127)	
 E2M-Seal	E2M-Seal	4.0 (102)	±2.0 (51)	0.5 - 4.5 (13) (114)	SSE2M
 L2	L2-400	4.0 (102)	±2.0 (51)	0 - 4.0 (0) (102)	
	L2-500	5.0 (127)	±2.0 (51)	0 - 5.0 (0) (127)	SSA SSPA SSCM
	L2-O	4.0 (102)	±0.5 (13)	1.0 - 5.0 (25) (127)	

Bold numbers represent inches; metric (mm) in parentheses. Cold weather natural strip seal glands are available upon request. D.S. Brown manufactures strip seal glands capable of opening up to 7"; for safety reasons, AASHTO stipulates 4" as the maximum gap in the direction of travel.

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