



### Expansion Joint Systems

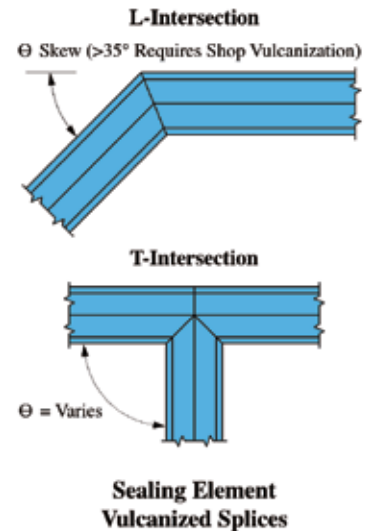
# Steelflex® Strip Seal EJS

## Neoprene Sealing Elements



### General

Selection of a neoprene strip seal sealing element is based on the maximum movement either perpendicular ( $MR_L$ ) or parallel ( $MR_T$ ) to the Steelflex® Strip Seal Joint 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 L2R-O seals is approximately 3.0 inches (76mm). All D.S. Brown neoprene sealing elements are designed in-house and tested to provide a watertight seal at the connection to the Steelflex® rail profile. Factory molded neoprene sealing element splices can also be produced to accommodate your specific project needs.



Sealing Element Cross-Section	Sealing Element	Movement Range		Joint Opening	Corresponding Steelflex Rail
		$MR_L$	$MR_T$		
A2R	<a href="#">A2R-400</a>	<b>4.0</b> (102)	<b>±2.0</b> (51)	<b>0.5 - 4.5</b> (13) (114)	
A2R-XTRA	<a href="#">A2R-XTRA</a>	<b>7.0</b> (178)	<b>±2.0</b> (51)	<b>0.5 - 7.5</b> (13) (191)	<a href="#">SSCM2</a> <a href="#">SSA2</a>
A2R-O	<a href="#">A2R-O</a>	<b>4.0</b> (102)	<b>±0.5</b> (13)	<b>1.0 - 5.0</b> (25) (127)	
E2M-Seal	<a href="#">E2M-Seal</a>	<b>4.0</b> (102)	<b>±2.0</b> (51)	<b>0.5 - 4.5</b> (13) (114)	<a href="#">SSE2M</a>
L2	<a href="#">L2-400</a>	<b>4.0</b> (102)	<b>±2.0</b> (51)	<b>0 - 4.0</b> (0) (102)	<a href="#">SSPA</a> <a href="#">SSCM</a>
L2-500	<a href="#">L2-500</a>	<b>5.0</b> (127)	<b>±2.0</b> (51)	<b>0 - 5.0</b> (0) (127)	
L2-O	<a href="#">L2-O</a>	<b>4.0</b> (102)	<b>±0.5</b> (13)	<b>1.0 - 5.0</b> (25) (127)	

Bold numbers represent inches; metric (mm) in parentheses.  
Cold weather natural strip seal glands are available upon request.

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