



TECHNICAL SPECIFICATION

PVC Rigid Conduit Fittings Expansion/Deflection Joints

SCOPE

This specification covers the requirements for Rigid PVC (polyvinyl chloride) conduit expansion/deflection joints.

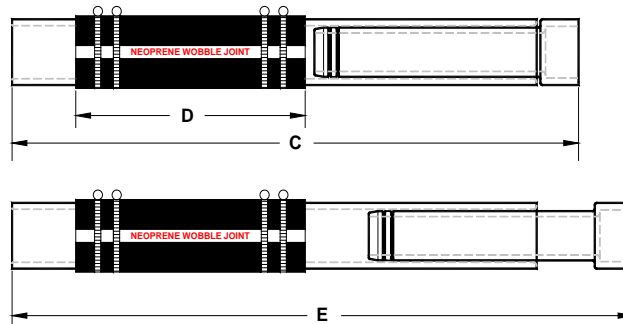
MATERIALS

The PVC parts of the expansion/deflection joint are manufactured from virgin PVC compound, which is UV and impact resistant. The rubber sleeve is made of Neoprene rubber and the clamps are stainless steel. The o-rings are made of SBR rubber.

FITTING DIMENSIONS

Fitting dimensions are as per drawing and table. The expansion joint portion of the fitting includes 2 molded sections (piston and barrel), assembled together. The annular space between the piston and barrel is sealed with 2 o-rings to prevent water from entering the fitting. The expansion joint is joined with a PVC Rigid Conduit bell, using a Neoprene rubber sleeve and 4 stainless steel clamps.

Nominal Size (in)	Part Number	Contracted Length, C (in)	Expanded Length, E (in)	Neoprene Sleeve Length, D (in)	Travel (in)
2"	RSEJ35	21.35	25.35	10	4.00
3"	RSEJ45	27.60	35.60	10	8.00
4"	RSEJ55	28.10	36.10	10	8.00
5"	RSEJ60	33.75	41.75	10	8.00





Nominal Size (in)	Part Number	Min. Bell Depth (in)	Avg. Bell Entrance ID (in)	Avg. Bell Bottom ID (in)	Neoprene Sleeve OD, F (in)	Expansion Joint OD, G (in)
2"	RSEJ35	1.125	2.388 – 2.400	2.363 – 2.375	3.160	2.825
3"	RSEJ45	1.590	3.506 – 3.522	3.484 – 3.500	4.305	3.965
4"	RSEJ55	1.750	4.506 – 4.524	4.481 – 4.499	5.305	4.965
5"	RSEJ60	1.935	5.584 – 5.604	5.541 – 5.561	6.375	6.110

