

## TECHNICAL SPECIFICATION

### PVC Rigid Conduit Fittings Expansion/Deflection Joints

#### SCOPE

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

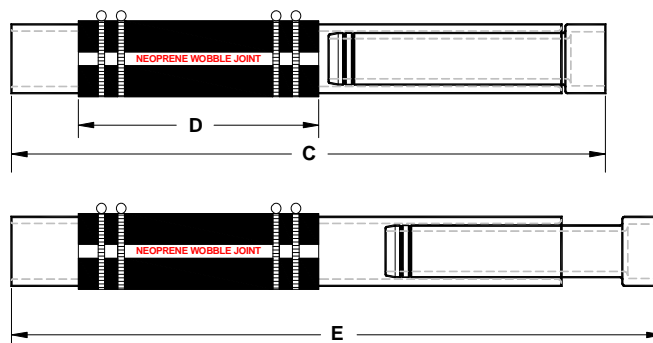
#### MATERIALS

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

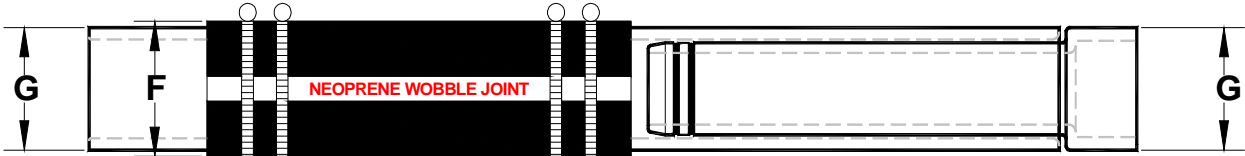


Prepared: July 16, 2008

By: S. Scott

Revised: August 11/09-add 5" size

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



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