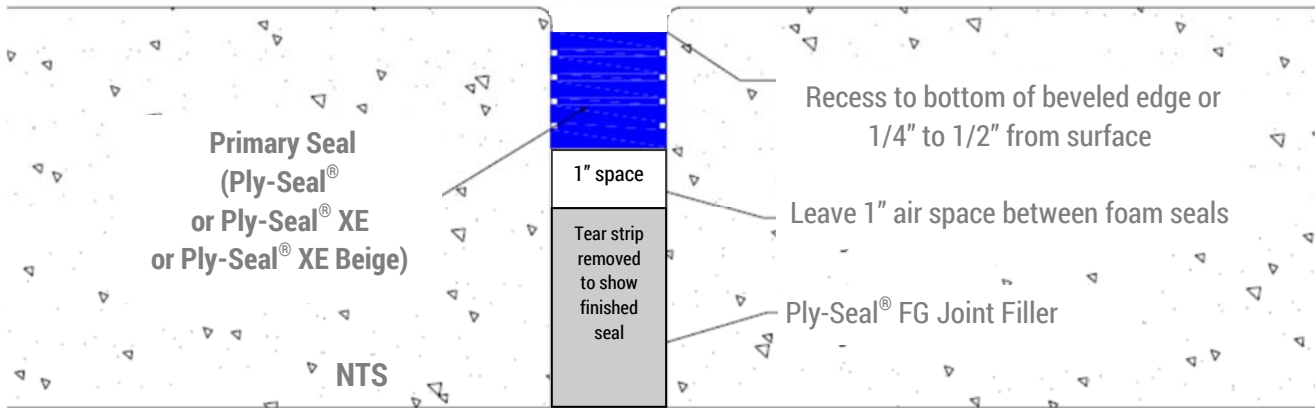


## Ply-Seal® Joint Detail with Ply-Seal® FG (Forming Seal)



The **Ply-Seal® Joint System with Ply-Seal® FG** offers a convenient, durable, waterproof expansion joint system. The **Ply-Seal® FG** is a full depth, waterproof seal forming the joint gap as the contractor pours the concrete. The top section of the **Ply-Seal® FG** is removed after concrete cure at a prefab tear strip section, creating a cavity for the primary seal: **Ply-Seal®**.

The seals may be field-welded for a monolithic waterproof joint. The **joint system** has a movement range equal to the joint width. These systems are user-friendly, quickly installed, and allow the structure to be returned to use shortly after installation. The system is an ideal expansion joint seal for flood control channels, approach slabs, bridge decks, sea walls, airport tarmacs, and other commercial structures where waterproof joint seals with full-depth protection are required. The **joint systems** may be installed against steel, concrete, wood, and other construction materials in vertical or horizontal applications. **Ply-Seal® FG Joint Systems** are resistant to abrasion, oxidation, oils, water, cleaning solutions, salt and other materials that may come in contact with the product.

### Joint Design Chart (for Primary Seal)

Model Number	Jt. Gap (in.) @ 60°F	Rec.* Seal Size (w x d)	Movement Range (in.)
#1.38	1	1 3/8 x 2	0.5 - 1.8
#1.63	1 1/4	1 5/8 x 2	0.6 - 2.1
#2.00	1 1/2	2 x 2	0.8 - 2.6
#2.38	1 3/4	2 3/8 x 2	0.9 - 3.1
#2.75	2	2 3/4 x 2	1.1 - 3.6
#3.00	2 1/4	3 x 2 1/2	1.2 - 3.9
#3.25	2 1/2	3 1/4 x 2 1/2	1.3 - 4.2
#3.50	2 3/4	3 1/2 x 2 1/2	1.4 - 4.5
#4.00	3	4 x 3	1.6 - 5.2
#4.50	3 1/2	4 1/2 x 3	1.8 - 5.8
#5.00	4	5 x 3 1/2	2.0 - 6.5

\*This chart is based on 60% compression and 30% tension. Please contact us for project-specific recommended sizes. Many other sizes are available.

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