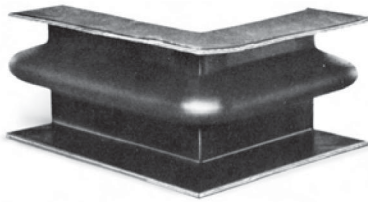
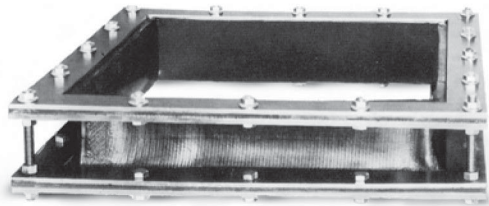


# Square Ducting Expansion

- ▶ **Lightweight construction**
- ▶ **Maximum flexibility**
- ▶ **Eliminates gaskets**
- ▶ **Absorbs fan vibrations**
- ▶ **Abrasion resistant**
- ▶ **Made in U.S.A.**



Redflex® Ducting Expansion Joints are designed for use on lightweight ductwork commonly found in odor control, air handling, and vapor/heat/dust recovery systems. The flexible rubber construction of the joints accommodates motion caused by axial, lateral, torsional, and angular movements concurrently. The rubber also helps to absorb the vibration of fans, reducing stress on the ductwork.

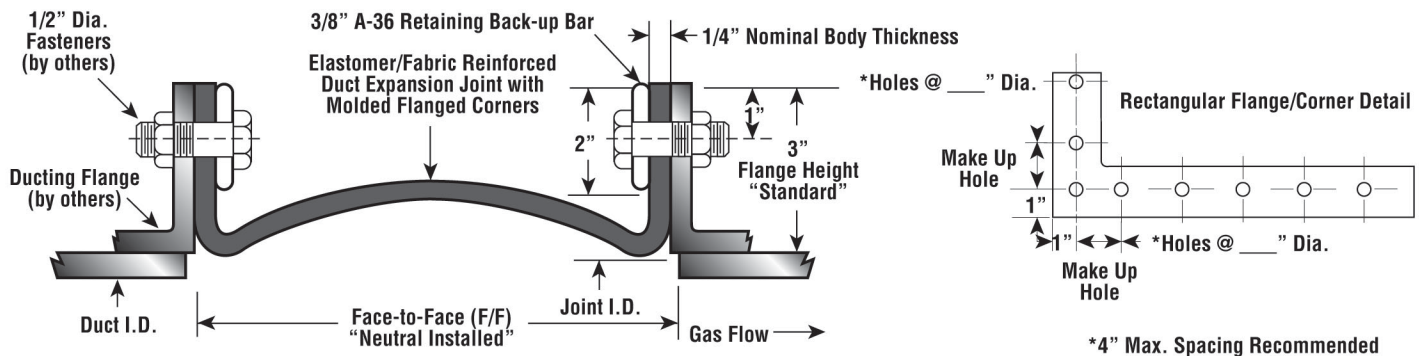
The joints can be provided with a single arch for maximum expansion/contraction compensation, or with a smooth bore for reduced turbulence. The joints are manufactured with 3" high integral flanges that eliminate the need for gaskets by forming a tight seal against the mating pipe. Corners are fully molded with no splices for added strength.

Flanged joints are provided with backing bars in carbon steel or stainless steel for an easy connection to mating flanges.

## Materials of Construction

### ▶ ELASTOMERS

Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM, and Viton®



## Maximum Movement Capabilities In Inches

Movement At Shown Face-to-Face	6" Face-to-Face			9" Face-to-Face			12" Face-to-Face			16" Face-to-Face		
	Axial Compress	Axial Extension	Lateral Deflect	Axial Compress	Axial Extension	Lateral Deflect	Axial Compress	Axial Extension	Lateral Deflect	Axial Compress	Axial Extension	Lateral Deflect
	1.5"	0.5"	1"	3"	1"	2"	4"	1"	2.5"	6"	1"	3.5"