

# Round Ducting Expansion Joints

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



Redflex® also offers a wide variety of round expansion joints designed for use on low pressure round ducting systems with a maximum pressure to 10 psi.

Round Ducting Joints are often utilized in lightweight air handling systems such as pricepitators, scrubbers, fans and big hoses to absorb vibration, thermal movements and misalignments.

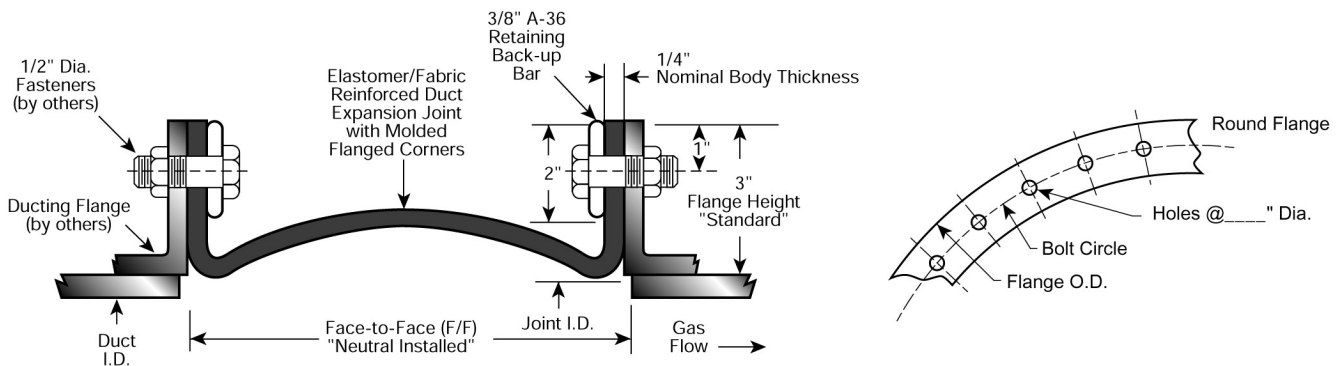
This type of expansion joint is available in a variety of material configurations such as Neoprene, EPDM, Chlorobutyl, Hypalon® or Viton® flow elastomers with fiberglass, fiberglass/Kevlar®, or polyester reinforcement.

Flanged style of ducting expansion joints are drilled to ANSI 125/150#, but PS 15-69 and other drillings are available. Round Duct Expansion Joints can also be manufactured with a slip-on connection where no mating flange exists. The Joint is manufactured to the exact outside diameter of the duct, and simply slipped onto the pipe. Stainless steel bands hold the joint securely in place.

## 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"