

**Engineering Data Sheet 300° F**

**Recommended Applications**

**Zflex** EPDM expansion joints are used in applications where the operating temperature does not exceed 300° F and where a tough, high strength expansion joint is required. Typical applications include the inlet and outlet of primary air, forced draft fans or as a vibration isolator between fans and critical equipment. EPDM can also be used at the cold air intake or stack inlet on a combined cycle plant.

**Zflex** EPDM expansion joints can be provided in a flat belt or integral flange geometry and can be reinforced with fiberglass fabric or stainless steel wire mesh.

**Design Temperature / Pressure**

Temperature:	Max.	Min.
	300° F	- 40° F
Excursions up to 350° F for 1/2 hour.		
Pressure:	+ 5 psig	- 5 psig

**Standard Face to Face**

6"	9"	12"	16
Duct breach opening F/F	5 1/2"	8 1/2"	11"
			15"

**Standard Movements**

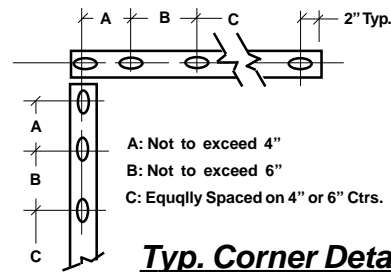
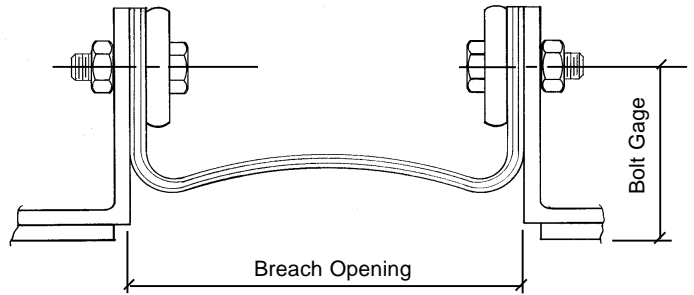
Axial Compression			
1 1/2"	2 3/4"	3 1/2"	5"
Axial Extension			
1/2"	1/2"	1"	1"
Lateral offset, ( Resultant)			
1 1/2"	2 3/4"	3 1/2"	5"

**Standard Weights**

Weight per lineal foot ( without backup bars)	
6" F/F	1.5 lb./ LF
9" F/F	2.0 lb./ LF
12" F/F	2.5 lb./ LF
16" F/F	3.0 lb./ LF

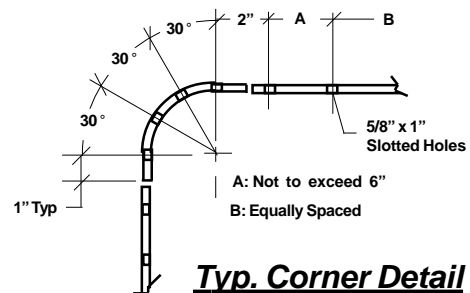
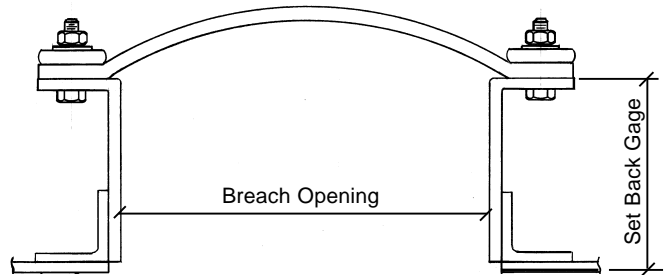


**Integral Flange Geometry**



**Typ. Corner Detail**

**Flat Belt Geometry**



**Typ. Corner Detail**