

**Engineering Data Sheet 850°F  
Zflex ZL-8000**

**Applications:**

The Zflex ZL-8000 high temp composite expansion joint is used where the operating temperature is 850° F to 1,000° F. Typical power plant applications include ducting from the economizer outlet, air heater inlet, over fired air and secondary over fired air ducts.

The Zflex ZL-8000 incorporates a secondary gas ply to eliminate dew point corrosion when using high sulphur coal.

**Standard Temperature / Pressure**

Temperature:      Max.              Min.  
                            850°F              - 40° F  
1,000°F with 4" tabbed-in insulation pillow.

Pressure:            + 2 psig            - 2 psig

**Standard Face to Face**

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

**Standard Movements**

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

**Standard Weights**

Weight per lineal foot ( without backup bars)

6" F/F	2.0 lb./ LF
9" F/F	2.2 lb./ LF
12" F/F	3.0 lb./ LF
16" F/F	3.6 lb./ LF



**Flat Belt Geometry**

