

Engineering Data Sheet 850°F Zflex ZL-7000

Applications:

The Zflex ZL-7000 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 to air heater inlet, over fired air and secondary over fired air ducts.

Insulation pillows are recommended where high fly ash loading are a concern.

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

