

**Engineering Data Sheet 850°F
Zflex ZL-7000**

Applications:

The **Zflex** ZL-7000 high temperature 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, secondary over fired air ducts. It can also be used at the GT Outlet and Penetration Seals in a combined cycle plant. Insulation pillows are recommended where high fly ash loading is a concern.

Design Temperature / Pressure

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

