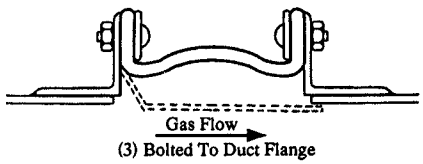
FLEXTECH INDUSTRIES

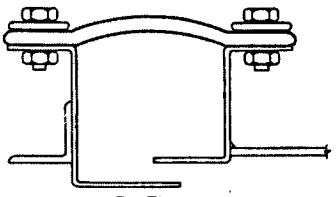
EXPANSION JOINT ACCESSORIES

FLOW LINER OR BAFFLE - Internal flow liners or baffle plates should be used when abrasive particles in the flow stream would be detrimental to the interior surface of the expansion joint or cavity insulation pillows. Flextech (Elastomeric) expansion joints, when installed with recommended set back, do not require liners. All other styles should have liners specified for abrasive flow conditions. Liners may be bolted or weld-in design.

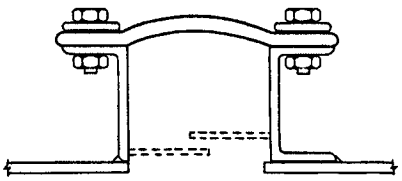


(3) Bolted To Duct Flange

(BFL)

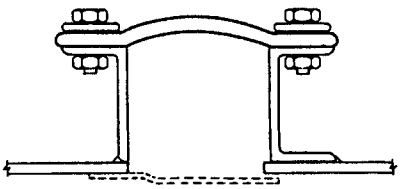


(4) Integral With Expansion Joint Frame



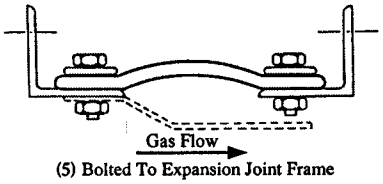
(1) Shop Welded To Expansion Joint

(SWL)



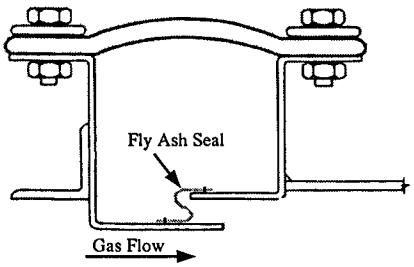
(2) Field Welded To Duct Plate

(FWL)



(5) Bolted To Expansion Joint Frame

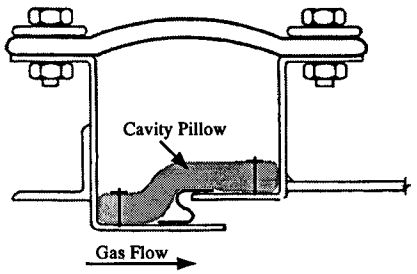
(BFL)



(S)

FLY ASH SEAL - A fly ash seal is intended to deter fly ash or other solids from accumulating in the expansion joint cavity. Excessive accumulation and hardening of the fly ash will restrict expansion joint movement capability or damage flexible element. To minimize ash accumulation Flextech can furnish a flexible seal attached to the liner. Fly ash seals are typically use in conjunction with a flow liner and are offered in many designs using various materials to suit each application.

CAVITY PILLOW - The addition of a cavity insulation pillow in a expansion joint design can increase the service life of the joint. The fiberglass or ceramic pillow fills the cavity between the flexible element and the internal flow liner or baffle and prevents fly ash or other solids from accumulating in the expansion joint cavity. Flextech pillows are provided with mounting tabs which attach the pillow to the expansion joint frame and holds the pillow in place.



(P)

Condensate Insulation - In flue gas systems operating at or near the dew point, condensate insulation should be specified to minimize the corrosive effects of acid condensation in the expansion joint cavity. Consult Flextech for available designs.