

# CEJ Custom Expansion Joints

## FABRIC EXPANSION JOINT DATA SHEET

313 N. Stewart Rd., Liberty, MO 64068 (816) 781-3507 Fax (816) 781-3520

Customer's Name				Date				Page of					
Mailing Address				Project Name									
City, State, Zip Code				*Quote Req'd by:				Quote No.					
Phone No.		Fax No.		Delivery Req'd by:									
Prepared By:				Item/Tag No.		Item/Tag No.		Item/Tag No.					
PLANT TYPE (Coal, Oil, Gas, Hydro, Incineration, Etc.)				Qty.		Qty.		Qty.					
LOCATION OF EXPANSION JOINT (Fan, Boiler, Scrubber, Precipitator, Stack, Etc.)													
FLOW DIRECTION (Up, Down, Horizontal, Angular Up, Angular Down)													
<b>SIZE</b>	DUCT SIZE (Inside Dimensions/Diameter)			FT. FT.	IN. IN.	X DIAMETER	FT. FT.	IN. IN.	X DIAMETER	FT. FT.	IN. IN.	X DIAMETER	
	DUCT MATING FLANGE SIZE			IN.		IN.		IN.					
	BELT LENGTH OUTSIDE			FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.		
	FACE TO FACE DIMENSION			IN.		IN.		IN.					
<b>BELT</b>	BELT WIDTH			IN.		IN.		IN.					
	BELT TYPE (Fan Connector/Flue Gas, Elastomer/Teflon, Flat/Molded)												
<b>GAS</b>	MEDIUM (Air, Flue Gas, Liquids, Etc)												
	DUST LOAD			PSF		PSF		PSF					
	FLOW VELOCITY			FPS		FPS		FPS					
<b>PRESSURE</b>	MAXIMUM			IN H <sub>2</sub> O Pos.	Neg.	IN H <sub>2</sub> O Pos.	Neg.	IN H <sub>2</sub> O Pos.	Neg.				
	DESIGN			IN H <sub>2</sub> O Pos.	Neg.	IN H <sub>2</sub> O Pos.	Neg.	IN H <sub>2</sub> O Pos.	Neg.				
	OPERATIONAL			IN H <sub>2</sub> O Pos.	Neg.	IN H <sub>2</sub> O Pos.	Neg.	IN H <sub>2</sub> O Pos.	Neg.				
<b>TEMP.</b> <small>(Do not insulate over fabric joints until checking with CEJ engineering.)</small>	GAS TEMPERATURE		NORMAL CONTINUOUS		°F		°F		°F				
			MAXIMUM (upset)		TEMPERATURE		°F		°F		°F		
					DURATION PER EVENT		HR.		HR.		HR.		
	AMBIENT TEMPERATURE		MAXIMUM		°F		°F		°F				
			MINIMUM		°F		°F		°F				
<b>MVMNTS.</b>	AXIAL COMPRESSION			IN.		IN.		IN.					
	AXIAL EXTENSION			IN.		IN.		IN.					
	LATERAL DEFLECTION (Round, Long Side, Short Side)			IN.		IN.		IN.					
	ANGULAR (1st Plane/2nd Plane)			°	°	°	°	°	°	°	°		
	TORSION			°		°		°					
<b>DUCT</b>	DUCT MATERIAL												
	DUCT OPENING			IN.		IN.		IN.					
	FRAME MATERIAL		FASTENERS										
	DUCT THICKNESS W/INSULATION			IN.		IN.		IN.					
	DUCT CORNER: RADIUS OR SQUARE												
<b>OPTIONS</b>	INTERNAL LINER/BAFFLE												
	FLY ASH BARRIER (Std. or IFAB, IAF, IAT)												

\*Please allow adequate time to prepare customer inquiry quotation.

Form #898