

Expansion Joints – Design Temps

BGT PRODUCT	TEMPERATURE DESIGN STANDARDS							
	RECOMMENDED CONSTRUCTION			FLUE GAS TEMPERATURE		MAX TEMPERATURE DURATION LIMITS		SERVICE
	TYPE	CONSTRUCTION	MATERIAL	OPERATING °F	EXCURSION °F	SINGLE OCCURRENCE (HOURS)	MAXIMUM CUMULATIVE (HOURS)	
300E	ELASTOMERIC	BELT OR FLANGED	EPDM / ARAMID	300	350	4	100	WET / DRY
300C	ELASTOMERIC	BELT OR FLANGED	CHLOROBUTYL / ARAMID	300	350	4	100	WET / DRY
					450	2	3000	WET / DRY
					500	2	1000	
			FKM / ARAMID		550	2	240	WET / DRY
400F	ELASTOMERIC	BELT OR FLANGED	FKM / WIRE	400	600	2	48	WET / DRY
400B	ELASTOMERIC	BELT OR FLANGED	BRE / ARAMID		650	1	8	WET / DRY
			BRE / WIRE		700	1	4	WET / DRY
					750	1/2	2	
500P	FLUOROPLASTIC	BELT OR FLANGED	PTFE / FG	575	650	1	100	WET / DRY
600T	FLUOROPLASTIC	BELT	PTFE / INSULATION	700	CONSULT BAKER ENERGY GROUP			DRY / CYCLE DEW POINT
800H	COMPOSITE	BELT	COVER, PTFE, FKM	750	CONSULT BAKER ENERGY GROUP			DRY / CYCLE DEW POINT
1000H	COMPOSITE	BELT	COVER, PTFE, FKM	750/1000*	CONSULT BAKER ENERGY GROUP			DRY / CYCLE DEW POINT
1200H	COMPOSITE	BELT	COVER, PTFE, FKM	1000/1200*	CONSULT BAKER ENERGY GROUP			DRY / CYCLE DEW POINT

