RM DYNEX Styles	Material Construction	Flue Gas Temperature				Excursion Duration[3]		Service
		Continuous °F	(°C)	Excursion °F	(°C)	Single Occurrence (Hours)	Maximum Cumulative (Hours)	
Mark II E300E X275-X300	Elastomeric[1]	300	(150)	350	(175)	2.0	150	Wet / Dry
				400	(205)	1.0		
Mark III E400V X404-X425	Elastomeric[1]	400	(205)	450	(230)	4.0	3000	Wet / Dry
				500	(260)	2.0	1000	
				550	(290)	1.0	240	
				600	(315)	1.0	48	
				650	(345)	0.5	4	
Mark V Mod. C500-C1000 LX801-LX1001	Composite 1" Insulation[2]	500	(260)	550	(290)	4.0	1000	Dry with options for wet conditions
				600	(315)	3.0	240	
		600	(315)	650	(345)	1.0	130	
				700	(370)	0.5	75	
Mark V C800-C1000 LX801-LX1001	Composite Multiple Layer[2]	1000	(540)	For service above 750 °F (400 °C) an internal insulation pillow is required. For fly ash loading problems an internal insulation pillow is recommended.				Dry
1200GTA 1200GTB	Composite Multiple Layer[2]	1200	(649)	GTA &GTB utilize a proprietary construction which allows for high temp. and high movement conditions, as commonly found in gas turbine, H.R.S.G. and economizer outlet applications. Design applications up to 2000 °F (1093 °C) continuous. Call Parker for details.				Dry

[1]External insulation is allowed over elastomeric type expansion joints. This measure is taken to reduce heat loss through the expansion joint and thereby reduce localized condensation that may attack adjacent duct flanges.

[2]External insulation is not allowed over the composite type expansion joint or over the back up bars.

[3]Excursion durations listed are design standards for a variety of operating conditions. They should not be regarded as operating limitations. For more information, consult RM DYNEX design engineers.