

Appendix P
EMI/RFI Gaskets Physical Properties & Temperature Range

Elastomer		Conductive Silicone	Conductive Silicone
MIL-83528		Type B	Type K
Temperature Range	Min	-55°F	-45°F
	Max	+160°F	+125°F
Hardness	Shore A	65	85
Tensile Strength	PSI	200	400
Tear Strength	PI	30	40
Elongation %	Min	100	100
	Max	300	300
Compression Deflection (% min)		3.5	2.5
Compression Set (%)		32	35
Tear Strength	lb/in	30	40
Shielding Effectiveness	100 MHz	120	120
	500 MHz	120	120
	2 GHz	115	120
	10GHz	115	120
Shelf Life	years	15	15