



Parker now offers several UL Flame Retardant Silicone compounds for a variety of applications. These compounds are available as: spliced and fabricated parts, long length extrusions, and precision extruded and cut seals. Parker's UL listed materials offer many advantages over conventional materials including:

- 1. Speed to market** – Customers can specify Parker's UL Listed materials and have confidence that it will pass UL testing without delaying their project.
- 2. Lower Cost** – Customers may not have to perform a separate certification of the seals, JBL can provide the UL documentation.
- 3. Replace Existing Seals** – JBL can typically replace seals in UL approved applications without customer requalification.

#### **UL94 V-0 Listed Silicone Material**

Parker's S7395-60 material is now certified to UL94 V-0. The UL94 V-0 testing covers the flammability characteristics of rubber materials. Parker Division JBL's UL testing was done on samples of material that had a thickness <sup>3</sup> 0.030". Assessment of such factors as ease of ignition, burning rate, flame spread, fuel contribution, intensity of burning, and products of combustion. UL defines the Vertical Burning rate (V0, V1, V2) as the calculation of the vertical burn rate in millimeters per minute. By passing the most difficult V0 rating, our S7395-60 also exceeds the requirements for V1, V2, and HB and therefore can be considered in such applications.

#### **UL94 HB Listed Silicone Materials**

Parker has two UL94 HB (Horizontal Burn) materials in addition to our S7395-60 material: Parker's S7416-70 and S7310-70 compounds are listed as UL94 HB which covers flammability of rubber materials. The testing was done on samples of material that had a thickness <sup>3</sup> 0.030" for S7395-60 and <sup>3</sup> 0.059" for S7416 70 and S7310-70.

#### **Markets:**

Parker JBL's New UL94 rated materials include, but are not limited to outdoor electronic enclosures, consumer electronic products, household appliances (such as coffee makers, pumps, stoves, washers, etc.), handheld communication devices, and automotive electronics.