

## **DERBY GASKETS LTD.**

[www.derbygaskets.com](http://www.derbygaskets.com)

### **MATERIAL SPECIFICATION**

#### **SILICONE SPONGE HT800**

Colour: Black or Grey  
Structure: Modified Closed Cell  
Density: 320kg/cu.m  
Compression Force: 41 to 97 Kpa  
Deflection at 25% deflection ASTM 1056  
Compression set @70C: 1% max  
Temperature Range: - 55C to +200C  
Tensile Strength ASTM D142: 414  
Water Absorption ASTM D471: 1.4%  
Thermal Conductivity ASTM C518: 0.09 W/M.K  
Dielectric Constant ASTM B149: 1.42  
Width: up 915mm  
Thickness: 0.8mm to 12.7mm

Specifications: UL94 HF1 and V0  
UL 157  
AMS 3195  
FAR 25.853

We reserve the right to alter the specification without notice.  
Values given may vary according to manufacturing tolerances.  
It is the responsibility of the purchaser to ensure material is suitable for purpose and we  
will provide samples for test if required