# **CS Hyde Company**

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## **PRODUCT INFORMATION**

Flame Retardant

Solid Silicone Sheeting

**60 durometer**

**71-FLR**



## **Product Description:**

Flame Retardant solid silicone rubber sheet is designed to be used in applications requiring higher physical properties.  It is most commonly used in applications where self-extinguishing and resistance to flammability characteristics to certain specifications are needed.  Flame Retardant silicone rubber meets specifications: BSS7230, UL94 V-0 and FAR25.853.

Like other silicone rubber products, the flame retardant series also possesses high temperature resistance, chemical resistance, ozone and UV resistance and easy fabrication.  This material is also non-toxic and fungus resistance.

**Common Applications:**

# Silicone rubber can be used for insulating and cushioning in aviation and automotive industries as well as in electronic assemblies. It is used gaskets, seals, vibration mounts, thermal shielding and grommets.

### **TYPICAL PROPERTIES**

|  |  |  |
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| Property | Test Method | Silicone Rubber |
| Specific Gravity, G/CC | ASTM D297 | 1.30 |
| Durometer, Shore A | ASTM D2240 | 60 +/- 5 |
| Tensile Strength, psi | ASTM D412 | 1100 |
| Elongation, % | ASTM D412 | 500 |
| Tear, psi Die “B” | ASTM D624 | 80 |
| Temperature Range | ºF | -80 to +450 |



Available Industry Specifications:

MIL-R-25988 TY2 Cl1 GR60, AMS3325