



## RG-S140

Thermoseal RG-S140 is a controlled-swell gasket material that provides excellent sealing where initial gasket conformability is required to compensate for flange out of flatness or roughness. After establishing initial sealability, the styrene butadiene binder fully vulcanizes with time and heat of component operation to provide long lasting performance. RG-S140 contains a unique blend of aramid, mineral, and cellulose fibers as well as mineral fillers to provide enhanced crush and temperature resistance. A factory applied release coating on both sides aids in flange removal. Continuous roll lengths allow efficient and economical fabrication with high speed die cutting equipment. Typical applications include gaskets for sealing hot oil or coolant in machinery including small engines and automotive and heavy duty diesel engines with intermittent operating temperatures up to 550° F (288° C).



### Ref. Thickness of Measured Values

0.031" (0.8mm)

### Density ASTM F1315

87 lbs/ft<sup>3</sup> (1.40 g/cm<sup>3</sup>)

### Compressibility ASTM F36J

12 - 25%

### Recovery ASTM F36J

minimum 35%

### Tensile Strength ASTM F152

minimum 870 psi (6 MP<sub>a</sub>)

### Fluid Resistance

After immersion in Oil IRM903

Weight increase

maximum 45%

Thickness Increase

maximum 60%

### Binder Type

Styrene Butadiene Rubber  
(Partially Vulcanized)

### ASTM F104 Line Call Out

F729900E09M9

For Additional Information Call Toll Free 1.800.990.7325 or email [info@thermosealinc.com](mailto:info@thermosealinc.com).

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