

## Thermoseal RG-S160 PTG Gasketing

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

### Material Notes:

Thermoseal RG-S160 offers exceptional sealability and crush resistance in a wide range of applications. RG-S160 is composed of a blend of aramid, mineral, and cellulose fibers and graphite and other inorganic fillers with a styrene butadiene binder. 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 range from power sport and other small engine gaskets to heavy duty diesel service with intermittent operating temperatures up to 550° F (288° C). Information provided by Thermoseal Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Thermoseal-RG-S160-PTG-Gasketing.php](http://www.lookpolymers.com/polymer_Thermoseal-RG-S160-PTG-Gasketing.php)

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in <sup>3</sup>	ASTM F1315
Thickness	800 microns	31.5 mil	Thickness tested

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 8.00 MPa	>= 1160 psi	ASTM F152

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	288 °C	550 °F	intermittent

Descriptive Properties	Value	Comments
Binder Type	Styrene Butadiene Rubber	
Compressibility	8-20 percent	ASTM F36J
Recovery	>40 percent	ASTM F36J
Thickness Increase	<60%	After immersion in Oil IRM903
Weight Increase	<45%	After immersion in Oil IRM903

## Contact Songhan Plastic Technology Co.,Ltd.

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