

Thermoseal RG-S160

Beater Addition Rolled Goods

Advantage Roll Goods materials perform in a wide range of applications from low-cost aftermarket to higher performing OEM seals. Continuous length rolls allow efficient and economical fabrication with high speed die cutting equipment. When your customers want an "equivalent" or alternative to the currently specified material, there is an Advantage Roll Good for the job.

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. Typical applications range from power sport and other small engine gaskets to heavy duty diesel service.

RG-S160 is suitable for applications with intermittent operating temperatures up to 550°F (288°C).

TYPICAL VALUES REFER TO 0.031" THICK MATERIAL UNLESS NOTED

Temperature maximum	550°F (288°C)
Density ASTM F1315	100 lb/ft ³ (1.6 g/cm ³)
Compressibility ASTM F36 J	8 - 20 %
Recovery ASTM F36 J	Minimum 40 %
Tensile strength ASTM F152	Minimum 1160 psi (8 MPa)
Fluid Resistance after immersion in Oil IRM903 Weight Increase	Maximum 45 %
Binder Type	Styrene butadiene rubber
ASTM F104 Line Call Out	F729900E09M9
Color	Grey



The ability of a gasket to make and maintain a seal depends not only on the style and quality of the gasket material, but also on medium being sealed, the flange design, the amount of pressure applied to the gasket by the bolts and how the gasket is assembled onto the flanges and tightened. These factors are beyond the manufacturer's control.

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