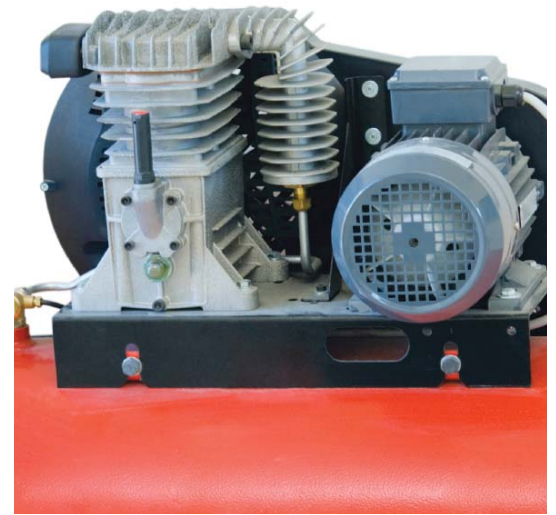


Thermoseal RG-S140

Advantage Roll Goods

MATERIAL FEATURES AND APPLICATIONS

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).



Properties <i>Refers to 0.031" (0.8mm) thick material</i>		RG-S140
Density ASTM F1315		87 lbs/ft ³ (1.40 g/cm ³)
Compressibility ASTM F36J		12 - 25 %
Recovery ASTM F36J		minimum 35 %
Tensile Strength ASTM F152		minimum 870 psi (6 MPa)
Fluid Resistance		
After immersion in Oil IRM903		
Weight Increase		maximum 45 %
Thickness Increase		maximum 60 %
Binder Type		Styrene Butadiene Rubber*
ASTM F104 Line Call Out		F 729900E09M9

*Partially Vulcanized



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