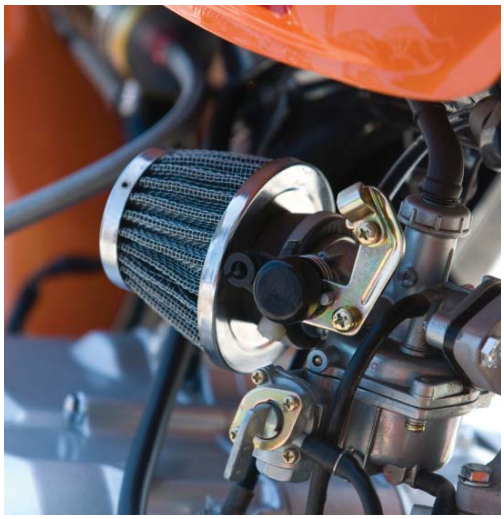
PERFORMANCE TECHNOLOGY GROUP
by Thermoseal Inc.

Thermoseal RG-N100
Advantage Roll Goods



MATERIAL FEATURES AND APPLICATIONS

Thermoseal RG-N100 is a nitrile butadiene rubber, reinforced cellulose fiber and mineral filler general purpose gasket material. Continuous roll lengths allow efficient and economical fabrication with high speed die cutting equipment. Its low density provides good conformability in sealing fuels, oils, and water in applications such as automobile water pumps, miscellaneous cover gaskets, and many small engine applications. RG-N100 is suitable for applications with intermittent operating temperatures up to 350° F (177° C).

Properties *Refers to 0.031" (0.8mm) thick material* RG-N100	
Density ASTM F1315	62 lbs/ft^3 (1.00 g/cm^3)
Compressibility ASTM F36J	20 - 40 %
Recovery ASTM F36J	minimum 30 %
Tensile Strength ASTM F152	minimum 1015 psi (7 MPa)
Fluid Resistance	
After immersion in Fuel B	
Weight Increase	maximum 40 %
Thickness Increase	maximum 10 %
After immersion in Oil IRM903	
Weight Increase	maximum 50 %
Thickness Increase	maximum 10 %
Binder Type	Nitrile Butadiene Rubber
ASTM F104 Line Call Out	F 729900E99M9

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