

## Thermoseal RG-P160 PTG Gasketing

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Chlorosulfonated Polyethylene Rubber

### Material Notes:

Thermoseal RG-P160 is a blended fiber and polychloroprene rubber gasket material with mineral fillers. A factory applied release coating on both sides aid in flange removal. Continuous roll lengths allow efficient and economical fabrication with high speed die cutting equipment. RGP160 provides excellent sealing of oils, alcohols, and refrigerants in applications as varied as hermetic compressors and heavy duty diesel engines. It is also well suited for general automotive sealing applications such as water pump, front cover and similar applications with demand for low flange pressure sealability and torque retention. Suitable for applications with intermittent operating temperatures up to 400° F (204° C). Information provided by Thermoseal Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Thermoseal-RG-P160-PTG-Gasketing.php](http://www.lookpolymers.com/polymer_Thermoseal-RG-P160-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	>= 10.0 MPa	>= 1450 psi	ASTM F152

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	intermittent

Descriptive Properties	Value	Comments
Binder Type	Polychloroprene Rubber	
Compressibility	11-25 percent	ASTM F36J
Recovery	>45 percent	ASTM F36J
Thickness Increase	<22%	After immersion in Fuel B
	<25%	After immersion in Oil IRM903
Weight Increase	<20%	After immersion in Fuel B
	<27%	After immersion in Oil IRM903

## Contact Songhan Plastic Technology Co.,Ltd.

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