

<b>Metro Industries Material Specification</b>	<b>Matl Style Code</b>
	<b>RSNE-K50</b>

<b>Material Description</b>	51% Neoprene sheet rubber, premium grade, medium hardness (50 Durometer, Shore A).
<b>General Features</b>	A premium grade blended rubber for applications requiring a higher percentage of Neoprene and a wider temperature range than commercial grade. This Neoprene product has good resistance to weathering and moderate resistance to oil and gasoline. .
<b>Specifications</b>	ASTM D2000 M1BC507
<b>Aliases</b>	CR, Chloroprene
<b>Common Variations</b>	Standard rolls and slabs (thicker grades) in fractional increments from 1/64" thick and up, widths of 36" and 48", smooth and cloth textured surface finishes, and black color, with a wide range of custom variations also available.
<b>Common Applications</b>	Rubber gaskets, seals, rubber washers, flange gaskets, construction load bearing pads, cushions, pads, mats, and other mechanical component parts and products. .

## Physical Properties\*

	<b>Value</b>	<b>Tol</b>	<b>Unit</b>	<b>Method/Remarks</b>
<b>Hardness</b>	50	+/- 5	Shore A	Durometer
<b>Service Temperature</b>	-20 min 190 max	Ref Only	Degrees F	Extended exposure to extreme limits not recommended.
<b>Tensile Strength</b>	800	Min	PSI	ASTM
<b>Ultimate Elongation</b>	300	Min	%	ASTM

\* Physical Properties are based on manufacturers' published "Typical Properties" and are offered here for reference only unless otherwise specified.

## Dimensional Tolerances

Unless otherwise specified, dimensional tolerances for uncut raw materials and fabricated products are defined in Configuration Specification [STD-R01](#).

## Revisions

<b>Rev#</b>	<b>Date</b>	<b>Description</b>	<b>Approved</b>	<b>Date</b>
00	5/1/2012	Original Release	Dan Garrett	6/28/2012