

Metro Industries Material Specification	Matl Style Code
	RSNG-I40

Material Description	Pure Gum Natural sheet rubber, Medium Soft (40 Durometer, Shore A).
General Features	Pure Gum Natural rubber has excellent physical properties including abrasion resistance, low temperature resistance, and resistance to mild acids. It has poor resistance to ozone, petroleum-based fluids, strong acids, and hydrocarbons. It is tan in color.
Aliases	Isoprene, Gum Rubber, Natural Rubber
Common Variations	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 red color, with a wide range of custom variations also available.
Common Applications	Rubber gaskets, o-rings, rubber washers, and other rubber seals in application environments requiring abrasion or low temperature resistance.

Physical Properties*

	Value	Tol	Unit	Method/Remarks
Hardness	40	+/- 5	Shore A	Durometer
Service Temperature	-20 min 140 max	Ref Only	Degrees F	Extended exposure to extreme limits not recommended.
Tensile Strength	2300	Min	PSI	ASTM
Ultimate Elongation	600	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

Rev#	Date	Description	Approved	Date
00	5/1/2012	Original Release	Dan Garrett	7/02/2012