

Metro Industries Material Specification	<i>Matl Style Code</i>
	RSSI-40Z

Material Description	Silicone sheet rubber, specification grade, medium-soft (40 Durometer, Shore A).
General Features	Specification grade Silicone rubber is designed to be used in applications where higher physical properties and lower compression set are required. It is resistant to extreme high and low temperature ranges.
Specifications	ZZ-R-765 2A & 2B
Aliases	Polysiloxane
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 extreme temperature application environments.

Physical Properties*

	Value	Tol	Unit	Method/Remarks
Hardness	40	+/- 5	Shore A	Durometer
Service Temperature	-65 min 425 max	Ref Only	Degrees F	Extended exposure to extreme limits not recommended.
Tensile Strength	700	Min	PSI	ASTM
Ultimate Elongation	200	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	06/23/2012