



# ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701  
T: 732.634.5700 F: 732.634.1430 alphainc.com

## Silicone Belt: Style RL 7543

### Product Description:

0.125" ; 1 Ply Aramid Inserted Silicone Belt

### Finished Belt Requirement

Thickness, inches	0.125" [+/- 0.015"]
Width, inches <i>*applies to roll goods</i>	40 or 58" [+/- 0.5"]
Weight, Pounds/Square yard	7.2 [+/- 0.6 lb/sqyd]
Weight, Ounces/Square yard	115 [+/- 10]
Roll Length (Linear Yards)	50
Pieces Per Roll (Maximum)	2
Piece Length (Minimum Linear Yards)	10
Continuous Operating Temperature, Fahrenheit	-60 to +550°
Excursion Temperature, Fahrenheit	To +600

### Polymer Requirements

Polymer Content (Percent Volume)	n/a
Gas Ply Thickness (Inches)	0.044
Outer Ply Thickness (Inches)	0.044

### Standard Polymer Test Methods

Density	ASTM D-297
Tensile Strength	ASTM D-412
Elongation Strength %	ASTM D-412
Hardness	ASTM D-2240

### Textile Requirements

Weight (lbs./sq.yd.)	1.2
Weight (oz/sq.yd.)	19.2
Weave Construction	Plain
Thickness (inches)	0.050
Thread Count (picks x ends)	20 x 8
Warp Tensile Strength (lbs)	325
Fill Tensile Strength (lbs)	125

### Quality Control

Certifications and test results provided with the product at the time of shipment.

DATA SHEET: 14069 REV. A DATE: 03/27/12

**Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications**

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.