



P.O. Box 1249, 252 Brighton Rd.  
 Andover, New Jersey, 07821  
 Phone: 973.786-5000 Fax: 973.786-5546

## Summary of Results

<b>Applicable Specifications :</b>	MIL-DTL-83528 Rev F Type D	<b>Material:</b>	Silver Plated Aluminum Fluorosilicone	<b>Date:</b>	06/14/16
		<b>Batch # :</b>	06141619702	<b>Cure Date :</b>	2Q16

Property	Actual	Actual	Actual	Required
----------	--------	--------	--------	----------

### Basic Physicals

Durometer, Shore A	76	77	76	63/77
Tensile, Die C, psi	335.2	343.1	348.2	180 min
Tear Strength, ppi	53.39	48.71	48.39	35 min
Elongation, %	90.00	80.00	80.00	60/260
Volume Resistivity, ohm-cm	0.0030	0.0023	0.0023	.012 max
Heat Age Test, ohm-cm	0.0024	0.0029	0.0023	.015 max
Electrical Stability, ohm-cm	0.0035	0.0038	0.0039	.015 max
Specific Gravity	2.15			

### Compression Set 70 Hrs. @ 100C

% Deflection	21.77	22.95	21.31	30 max
--------------	-------	-------	-------	--------

### Supplemental Data

Manufactured in USA

Prepared By: Diane Black  
 Diane Black  
 Project Technician

Approved By: Lansine Sako  
 Lansine Sako  
 Laboratory Manager