



MATERIAL SPECIFICATION

DESCRIPTION: D374SC80650M

1.0 **SCOPE:** This specification identifies the requirements for the purchase and inspection of D374SC80650M

2.0 **MATERIAL:**

2.1 **SPECIFICATION**

2.1.1 D374SC80650M

2.2 **CHEMICAL COMPOSITION**

2.2.1 Silicone + Ag/Cu

2.3 **PHYSICAL PROPERTIES**

2.3.1 Hardness,Shore A,Pts ,ASTM D2240	65 +/- 7
2.3.2 Tensile Strength,PSI,ASTM D412	200 PSI
2.3.3 Elongation ,%,ASTM D412	100/300
2.3.4 Specific Gravity,ASTM D792	3.4 +/- 0.25
2.3.5 Tear Strength,PPI,ASTM D624	25 PPI
2.3.6 Volume Resistivity,Ohm-cm,MIL-G 83528 (par 4.5.10)	0.004 Ohm.cm
2.3.7 Electrical Stability After Break,Ohm-cm,Mil-G-83528	0.010 Ohm.cm
2.3.8 Colour	Tan
2.3.9 Flamme resistant	UL94-HB

3.0 **QUALITY REQUIRMENTS:**

3.1 **CERTIFICATION:** (For Traceability)

Vendor shall supply with each shipment of material, a certificate of compliance and test reports showing mechanical and physical properties.

4.0 **PACKAGING**

4.1 Material to be supplied in a non transparent foil and a solid cardboard.

Revision: 0

Prepared By:	Date:	Approved By:	Date:	Inventory Number	Sheets
Stanislav Vopička	19/6/08			N/A	1 of 2