

RT507L

TECHNICAL DATA BULLETIN

GRADE: RT507L

NEMA GRADE: G-7

U.L. LISTED: N

DESCRIPTION: RT507L is manufactured using a fine weave glass fabric combined with a silicone resin system and has been designed for heating appliance insulation applications. All RT507L tubes are pressure tested at 40 psi to assure the wall does not leak which is essential for the heating appliance application. The fine weave fabric substrate provides a "finer" finish on the surface of the finished part.

TYPICAL PROPERTIES

	UNITS	VALUE ¹		
		Specimen Tested (ID x OD)		
			0.75" x 1.00"	
PHYSICAL PROPERTIES				
Specific Gravity	-		1.72	
Rockwell Hardness	M Scale		80	
Moisture Absorption Condition D ₁ -24/23	%		0.16	
Compressive Strength Condition A	psi		9,800	
THERMAL PROPERTIES				
Temperature Index ²				
Electrical / Mechanical	°C		170 / 220	
Flammability Rtg. (UL 94) Condition A	Class		V-0	
ELECTRICAL PROPERTIES				
Electric Strength Condition A	Volts/mil		265	

¹ All testing performed to ASTM D-348 unless otherwise indicated.

² NEMA LI-6: This temperature is a recommendation only, and based upon experience in various applications. The maximum operating temperature is dependent upon the application and should be investigated prior to use.

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Specification writers: Contact Norplex-Micarta for specification values before submission.