



# Ryertex Grade C-tube TECHNICAL DATA BULLETIN

**NEMA GRADE: C**

**U. L. LISTED: Yes**

**DESCRIPTION:** Ryertex C-tube is a medium weave cotton fabric combined with a phenolic resin system that offers excellent mechanical and performance properties. Ryertex C-tube is made of the same materials as our Grade C sheets providing the same outstanding product performance.

**TUBE TESTED:** ID – 0.750” / OD – 1.000”

## TYPICAL PROPERTIES

GENERAL PHYSICAL PROPERTIES	UNITS	VALUE
Specific Gravity	-	1.29
Moisture Absorption	%	2.20
Rockwell Hardness	M Scale	90
Tensile Strength (axial)	psi	6,200
Compressive Modulus (axial)	Psi	204,200
Compressive Strength (axial)	psi	23,400
THERMAL & ELECTRICAL PROPERTIES	UNITS	VALUE <sup>1</sup>
Maximum Operating Temperature	C	125 <sup>1</sup>
Electric Strength (Condition A)	V/mil	120
Flammability Rating - U. L. 94	Class	HB

All testing per ASTM D-348 unless otherwise noted.

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. Data supplied above are "typical values"; not to be considered "specification values".

It is the responsibility of the users of this information to make sure that they have the latest version of this TDB, and are urged to check with Customer Service to determine if information is most current.

<sup>1</sup> This temperature is a recommendation only. The maximum operating temperature is dependent upon the application and should be tested accordingly.