



DATA SHEET

TUCB-3526

TUBE CANVAS BAKELITE

Medium Weave

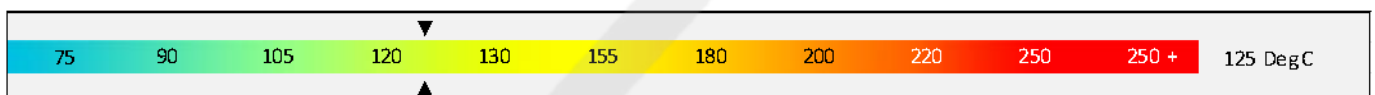
Type 3526



TUBES

Medium weave cotton fabric construction, suitable for low voltage electrical use, but also primarily used in mechanical applications as it exhibits good mechanical strength and machining properties.

Properties	Unit	Standard Value	Test Result
Density	g/cm ³	≥1.05	1.23
Water absorption rate D-24/23	%	≤4.0	3.8
Thermo stability (24h)	°C	130	Pass
Flexural strength	MPa	≥80	87.7
Compressive strength	MPa	≥45	106
Withstand voltage perpendicular to laminations (normal condition air, withstand voltage 5 min) 2.0 mm in thickness	MV/m	≥3.5	Pass
Volume resistance index Under normal conditions	Ω.m	≥1.0x10 ⁷	3.7x10 ¹²
In case of humidity		≥1.0x10 ⁵	1.5x10 ⁶
Volume resistance index Under normal conditions	Ω	≥1.0x10 ⁸	≥1.3x10 ¹³
In case of humidity		≥1.0x10 ⁷	≥1.6x10 ⁸



Temperature Rating