



Technical Data 96-550

Bedford Materials Co., Inc.
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1267 Tan

Straight Weave Varnished Cambric Cloth and Tape For Class A (105°C) Application

Application

Bedford Materials 1267 cloth and tape are thin, flexible cotton fabrics with a fine, straight weave which have been impregnated with an electrical insulating varnish. Straight cut varnished cambric combines in one material the advantages of low cost insulation, high insulating values and tremendous physical strength. It is particularly well suited to layer and slot insulation, coil wrappings, armature end windings, transformer insulation and general sheet insulation use.

Advantages, 1267 Tan

Good abrasion, oil and moisture resistance.

Excellent flexibility.
Suitable for either hand or machine wrapping of straight surfaces.

Maintains good electrical properties over long periods because of good aging characteristics of varnish.

Meets requirements of MIL-I-3374, Type I and II, Class 2.

Specifications (Typical Values), 1267 Tan

Nominal Thickness (Inches).....	0.005	0.007	0.010	0.012	0.015
Weight, Approximate (lbs./sq. yd.).....	0.24	0.40	0.55	0.65	0.80
¹ Tensile Strength (lbs./in. of width).....	38	45	45	45	45
² Tear Strength (gm).....	200	225	275	275	275
³ Breakdown, Average, ¼ in. Dia. Electrodes, Short Time Test (volts/mil thickness).....	1,150	900	1,000	1,000	950
Color.....	Tan, with light paraffin finish. Ends of roll are wax-dipped.				
Standard Core Size, Tape.....	←-----1 inch ID-----→				
Standard Core Size, 36 inch Cloth.....	←-----2 inch ID -----→				

¹ - Obtained on Scott Tester of the dead weight pendulum type.
² - Elmendorf Tester.
³ - ASTM-D-295.

Ordering Information

Available 36 inches wide in 36, 50 and 100 yard rolls. Also slit into tape widths as required. Specify thickness, width, and length per roll.



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1268 Black

Straight Weave Varnished Cambric Cloth and Tape For Class A (105°C) Application

Application

Bedford Materials 1268 cloth and tape are thin, flexible cotton fabrics with a fine, straight weave which have been impregnated with an electrical insulating varnish. Straight cut varnished cambric combines in one material the advantages of low cost insulation, high insulating values and tremendous physical strength. It is particularly well suited to layer and slot insulation, coil wrappings, armature end windings, transformer insulation and general sheet insulation use.

Advantages, 1268 Black

Good abrasion and moisture resistance.

High dielectric strength.

Good aging characteristics, assuring maintenance of electrical properties over long periods.

Meets requirements of MIL-I-3374, Type I and II, Class 1.

Specifications (Typical Values), 1268 Black

Nominal Thickness (Inches).....	0.005	0.007	0.010	0.012	0.015
Weight, Approximate (lbs./sq. yd.).....	0.25	0.40	0.55	0.65	0.80
¹ Tensile Strength (lbs./in. of width).....	38	45	45	45	45
² Tear Strength (gm).....	200	225	275	275	275
³ Breakdown, Average, ¼ in. Dia. Electrodes, Short Time Test (volts/mil thickness).....	900	1,100	1,100	1,100	1,000
Color.....	Black with light oil finish.				
Standard Core Size, Tape.....	←-----1 inch ID-----→				
Standard Core Size, 36 inch Cloth.....	←-----2 inch ID-----→				

¹ - Obtained on Scott Tester of the dead weight pendulum type.
² - Elmendorf Tester.
³ - ASTM-D-295.

Ordering Information

Available 36 inches wide in 36, 50 and 100 yard rolls. Also slit into tape widths as required. Specify thickness, width, and length per roll. Specify dry or oily finish.

Bedford Materials has no control over the final application of the product by others, therefore, the information contained herein is intended as a general guide to product use and should not be construed as a warranty.