

## General Specifications

# Style 711 Vegetable Fiber

**A. SCOPE:** **Style 711** is a premium grade of vegetable fibre sheet packing, efficiently saturated with a glue-glycerine impregnant rendered insoluble by means of a tanning agent to give a strong, flexible, all-proof packing with properties retained during proper storage and in use.

**B. CERTIFICATION: Our Vegetable fiber** is certified to meet the below listed specifications:

HH-P-96G, Type 1 only (Federal Specification)	Ident. No. P3313B
MIL-G-12803A	Ident. No. F326128M6
MIL-G-128030B & MIL-G-12803C	Ident. No. P3313B
ASTM D 1170 and SAE J90	Ident. No. F326128-E21-M6
ASTM F 104 and SAE J90	No. MH 4649 (763N)
Underwriters' Laboratory Listing	

**C. PHYSICAL CHARACTERISTICS:**

Fibre	45% to 55%
Moisture	6% to 10%
Chemical Solids	35% to 45%

**D. CONDITIONING:** All samples conditioned prior to testing as specified by applicable application—usually 50% RH -70 to 85° F for a period of 22 or 24 hours.

**E. STANDARDS:** (Using American Society of Testing Materials Specification ASTM F 104 prepared jointly with the Society of Automotive Engineers and similar in requirements to MIL-G-12803C.)

<b>ORIGINAL</b>	Test Load	1000 p.s.i.
<b>PHYSICAL</b>	Compressibility	25% to 40%
<b>PROPERTIES</b>	Tensile Strength	2000 p.s.i.
	Recovery	40% minimum

<b>PHYSICAL</b>	Fuel B--Thickness increase	5% maximum (Not Applicable to MIL-G-12803C)
<b>PROPERTIES</b>	#3 Oil--Thickness increase	5% maximum
<b>AFTER</b>	Fuel B--Weight increase	15% maximum (Not Applicable to MIL-G-12803C)
<b>IMPRESSION</b>	#3 Oil--Weight increase	15% maximum
	Water--Weight increase	100% maximum

**F. THICKNESS TOLERANCES:**

Thickness	Plus or Minus
.006", .010" and .015"	.0035"
.021", .031", .046" and .062"	.005"
.096" (3/32")	.008"
.125" (1/8") and up	.016"

**G. FLEXIBILITY:** FIBREFLEX GRADE "A" is capable of withstanding bending around a rod with a diameter of twice the thickness of the material under test, without cracking, breaking, or excessive marring of the surfaces.

**H. TEMPERATURE LIMIT:**

250° F