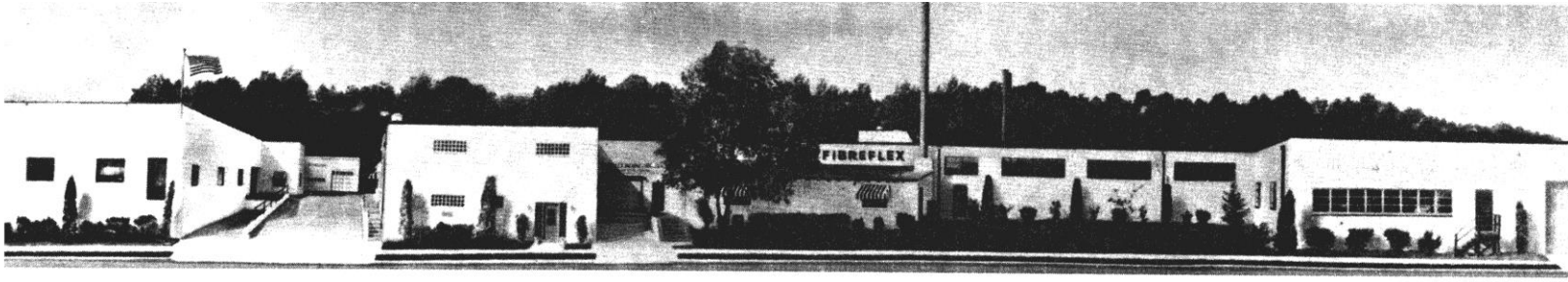

FIBREFLEX PACKING & MFG. CO.

INCORPORATED

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LOCATION 5101 Umbria Street
Phila., PA 19128

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GENERAL SPECIFICATIONS
FIBREFLEX GRADE A

A. SCOPE: FIBREFLEX GRADE "A" 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: FIBREFLEX GRADE "A" is certified to meet the below listed specifications:

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

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.

ORIGINAL	Test Load	1000p.s.i.	
PHYSICAL	Compressibility	25% to 40%	
PROPERTIES	Tensile Strength	2000 p.s.i.	
	Recovery	40% minimum	
PHYSICAL	Fuel B--Thickness increase	5% maximum	(Not Applicable to MIL-G-12803C)
PROPERTIES	#3 Oil--Thickness increase	5% maximum	
AFTER	Fuel B--Weight increase	15% maximum	(Not Applicable to MIL-G-12803C)
IMPRESSION	#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