Gasket Sheet

Treated Vegetable Fibre Gasket Sheet

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

B. CERTIFICATION: Treated Vegetable Fibre 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.
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	5% 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: Treated Vegetable Fibre 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