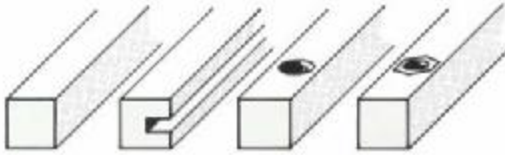
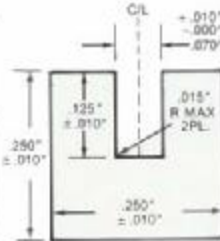


CIRCUIT BOARD

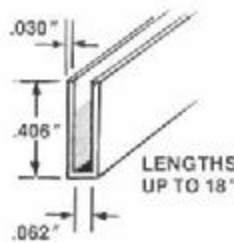
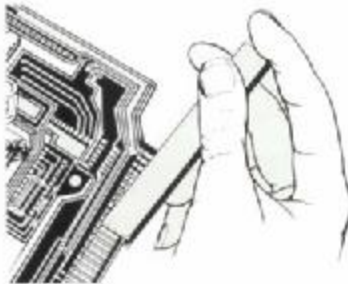
STIFFENERS, HOLDERS AND GUIDES



Stiffeners are solid pultruded glass epoxy rods — 150,000 psi flex, lighter than aluminum, high dielectric and UL94V-1 rated. Rods are bonded to boards, slotted for edge mounting, drilled for rivets or threaded inserts. Slotted rods are bonded for use as holders or used in pairs as guides in our glass epoxy housings.

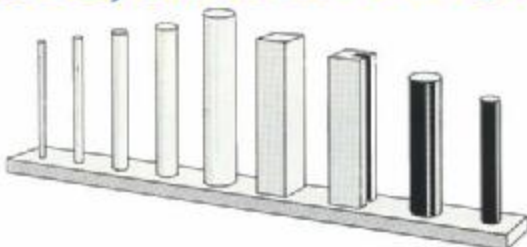


GOLD FINGERS GLOVE



Gloves are "U" shaped fiberglass laminated epoxy channels with OD legs from .250" to .765". Used to protect PCB edge contacts during manufacture and use.

RODS, GRAPHITE EPOXY



Infinite lengths are pultruded in diameters from 1/8" to 1/2" with 75% glass or graphite unidirectional fiber and epoxy 130°C resin.

High modulus graphite rods support aero space structures and epoxy rods provide mechanical strength to hold heavy magnetic heads in medical scanners.

STEVENS PRODUCTS, INC.
Electrical Insulation
100 SCIENCE PARK, WY., EAST GORHAM, NEW HAMPSHIRE 03543
TEL. 603-875-8100

SPECIFICATION SHEET



**260" DIAMETER
GLASS EPOXY
ROD STOCK**

This product is produced by the Pultrusion Molding of fiberglass roving and epoxy resin to produce infinite lengths of high quality rod stock for electro-mechanical applications.

TEMPERATURE CLASS	130°C
GLASS FIBRE	Weyer MIL-3-61443
EPOXY RESIN	Weyer MIL-3-61443
DIAMETER	1.250" ± .001"
FLEXURAL STRENGTH	150,000 ± psi
SPECIFIC GRAVITY	Approx. 2.00 gm/cc
MACHINABILITY	Good
ELECTRICAL	Excellent, per ASTM D-94 (except 10 V)
CHEMICAL RESISTANCE	Excellent resistance to Hydrolytic Fluids MIL-M-150, Isopropyl Alcohol TC-115, and Hydrocarbon TC-115 Type III
MOISTURE RESISTANCE	Excellent less than 0.24 Absorption Per FMVOT, Method 702

Price and delivery available on request.

CUSTOM MOLDING

FIBERGLASS LAMINATES .005" THICKNESS. INDIVIDUALLY TOOLED AND QUOTED INSULATORS MADE TO YOUR DRAWING.

MOTOR SHAFT INSULATION



MOTOR STATOR END TURN INSULATORS



STEEL RULE DIE CUTTING

For multiphase motor winding insulation.

Materials:

Teflon 200°C
Mil-P-22241

Kapton 240°C
Mil-P-46112B

