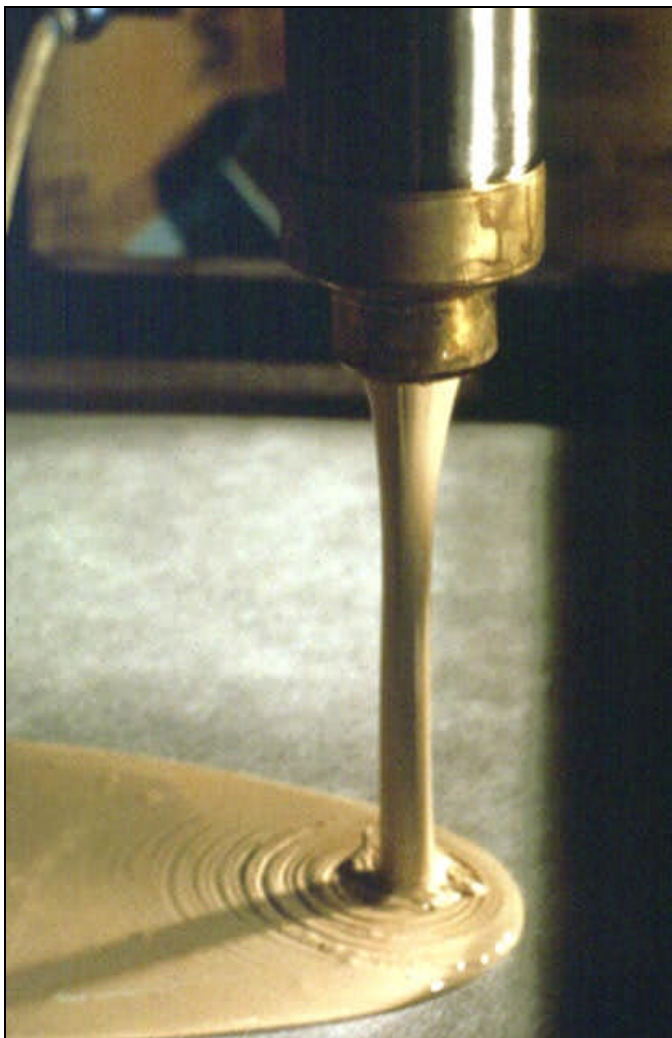
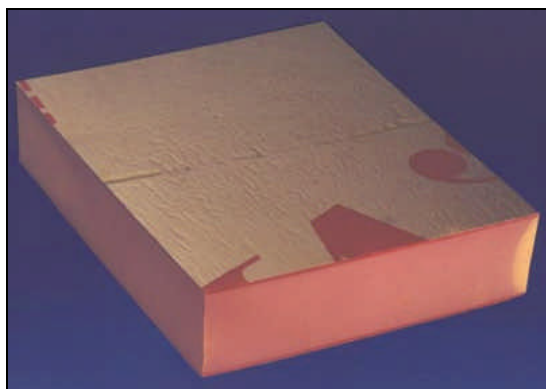


# PHENOFLO® 20/100



*Phenoflo - to meter, mix and pour or spray phenolic formulations in a viscosity from 5,000 to 100,000 CPS.*



*Phenolic Foam Panel  
Zero Smoke - Zero Flame*

## DESCRIPTION

Phenoflo® 20/100 is a low pressure chemical meter, mixing machine. It can be designed to handle a variety of chemicals, but is specifically intended for the difficult phenolic ingredients. Its three basic components are a mixing head, a control console and a pump unit. Outstanding features include:

- corrosion resistance for aggressive acid catalyst*
- compact design*
- service convenience*
- ample instrumentation*
- ratio and flow controls*
- reduced energy losses*
- wide range adjustability*
- system monitoring*
- user-friendly controls*

Phenoflo® 20/100 capabilities cover the full range of cellular phenolics from the relatively low viscosity floral formulations to the high viscosity insulating foams. Capacity ranges from 200 LB/min for 2500 CPS viscosity to 50LB/min for 50,000 CPS formulations. Its advanced design has been proven both in laboratory and full scale panel and slab production running a number of phenolics developed by U.S. and overseas firms.

## DISPENSE HEAD

Laydown options include either pour or spray and a choice of stationary, traverse or boom mounting. A selection of shear and turbulent style mixers for selective energy transfers are hydraulically driven with variable speed to accommodate a variety of formulations. Maximum speed is 7000 rpm with close speed regulation regardless of load. The mixing chamber as well as the primary valve chambers are flushed to protect them and connecting lines from clogging or etching by residual chemicals. Pressure balancing is adjustable for optimum pour or spray operation. Continuous internally recirculating coolant lubricates the head and protects against damage from acid or resin leakage. External coolant for "hot" formulations maintains head temperature.