

# FlowMaster

## RUBBER HOSE STRUCTURE

### REINFORCEMENT

REINFORCEMENT : also known as the body, is the strength reinforcement member of hose which prevents the tube from bursting. It is comprised of synthetic textile plied, spiralled or braided depending upon service requirement. The carcass also serves to increase heat resistance and provide a shield against internal kinking or external damage.

### TUBE

TUBE : the innermost part of the hose. It is comprised of rubber or other elastomer designed to carry specific material, without allowing the material to escape or adversely affect itself.

### HELIX WIRE

HELIX WIRE : part of hose carcass when conditions call for suction or vacuum service. The helical wire also aids in making hose kink and crush resistant.

### COVER

COVER : the outermost part of the hose used to protect the carcass and the tube from deterioration caused by abrasions, temperature, sunlight, moisture, oils, weathering and corrosion.

