

# CUSTOM HOSE ASSEMBLIES



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### EATON AEROQUIP 303

This standard hose is used in medium pressure A/C hydraulic, fuel, oil and coolant systems. An inner tube of seamless synthetic rubber is reinforced with a synthetic-impregnated single-wire braid over a single cotton braid and an outer cover of synthetic-impregnated oil-resistant cotton braid. Operating temperature -65 to 250F. Conforms to MILH-8794 (supersedes MIL-H-5511A). Used with Aeroquip 491 hose fittings.



### EATON AEROQUIP 666

Aeroquip 666 medium pressure Teflon™ hose is widely used in aircraft applications handling fuel, oils, and other fluids. It is unaffected by all fuels, oils, alcohols, coolants, or solvents commonly use in aircraft. Construction of Aeroquip 666 hose is of spiral extruded Teflon™ resin for the inner tube with a reinforcement and outer cover of Type 300 Series stainless steel wire braid. The result is a lightweight hose able to withstand prolonged flexing and vibration under all service conditions. Aeroquip 666 hose is also used in hydraulic and pneumatic applications at pressures up to 1500 psi. Operating temperature is -65° to 450°F.



### EATON AEROQUIP AE466

Aeroquip integral silicone firesleeves on Aeroquip Teflon™ hose assemblies. This hose/sleeve combination meets the test requirements of TSO-C53A Type D and TSO-C75 Type IIIA and IIIB.

The Silicone sleeve is applied directly onto the metal braid an fittings to form a smooth, tight bond. Hose flexibility is not impaired. Non-age sensitive for extra-long service life. Eliminates the use of band clamps. Temperature range -65°F to +450°F. Available in blue or brown.



### EATON AEROQUIP AE701

An inner tube of seamless, specially formulated synthetic rubber reinforced with a stainless steel partial inner braid and full-coverage stainless steel outer braid. Operating temperature -65 to 300F. Aeroquip 701 hose is widely used for aircraft fuel and oil lines where flexibility and light weight are prime considerations. Because of its lighter weight and lower operating pressure than type 303 hose, it is not recommended for hydraulic lines. Use with Aeroquip 816 hose fittings. Aeroquip 601/AE701 is a direct replacement for old 601 hose. AE701 hose has no shelf life and is the upgraded version of 601 hose



### EATON AEROQUIP FIRESLEEVE

Aeroquip Firesleeve was specially developed to meet the fire resistance requirements of FAATSO - C53a OR TSO - C75. May be used for all fuel, oil, hydraulic, fire extinguisher & propeller feathering lines. "Fire-proof" hose lines as defined by FAA must withstand a direct flame for fifteen minutes under specified flow conditions without failure. Fire-resistant lines must withstand a 5-minute exposure under these conditions. Fire-proof hose lines are obtained when the proper size Aeroquip Firesleeve is selected from the chart below and properly assembled. 900591B Clamps - used to secure firesleeve material on each end over the basic hose assembly.

AE102 firesleeve is used to meet the fire resistance requirements of FAA TSO-C53a and TSO-C75. This firesleeve can be identified by its orange colored outer surface. It functions effectively within a continuous operating temperature range of -65 degree to +450 degree.