

Eaton Fluid Conveyance Fire and Prevention Products



Eaton offers a wide variety of products for the rescue and fire prevention markets. Eaton has created products for these demanding applications based on Aerospace designs. From hose and fittings to specialty couplings, Eaton can help your business make the world safe. Below are a few of the Eaton products designed for fire and rescue.

Hose Products

Fire Suppression Hose

Eaton's FC613 fire suppression hose is manufactured with a highly visible red colored cover for use on fire suppression systems. The MSHA approved cover and construction allows easy identification of the hose and can be used in applications currently serviced by 100R1AT style products when safety and protection are a concern.

Applications: Mobile vehicles equipped with fire suppression systems to protect operators and designed to reduce downtime, if a fire occurs.



Teflon® FC493-04 Hose

The FC493-04 hose has an outer cover with a fire-resistant polyester blend cover and an inner tube made with Teflon fluoropolymer that provides clean breathing air. The hose fittings come in a variety of configurations and materials based on specific application needs. The high pressure wire braid allows operating pressures up to 4,500 psi. All hose assemblies manufactured with FC493 hose are 100% tested for leakage prior to shipping.

Applications: Gage lines on self-contained breathing apparatus (SCBA) units for emergency use.

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Synflex® Hydraulic Hose

Eaton Synflex hydraulic hose is an excellent alternative over rubber hose for aerial equipment, chemical transfer, and rescue tools. Synflex is light weight, durable, abrasion resistant and offers superior chemical resistance and flexibility. The Synflex portfolio offers a broad size range (-02 to -16) with operating temperatures from -65°F to +212°F and pressures from 1,000 to 10,000 psi. Additionally, Synflex offers several non-conductive hoses for hydraulic systems that may contact high-voltage sources. All Synflex hydraulic hose can be twin, tri, or multi-lined.

Applications: General hydraulic systems, aerial equipment, chemical transfer, rescue tools, lubrication equipment.



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Connectors

FD35 Series

Eaton's FD35 Series high pressure quick disconnect couplings are designed for severe application use in hydraulic tools. This rugged quick disconnect coupling can operate under pressures of up to 10,000 psi/bar. The FD35 is ideal for rescue tools where reliability and performance are critical at all times. This coupling offers a black oxide coated male half for easy identification purposes and prevents crossing of lines.

Applications: Rescue tools and equipment.



SCBA Coupling

The FD17 high pressure coupling is designed for use in breathable air transfilling applications. The coupling can be connected at 4,500 psi under pressure and can meet a variety of industry specifications including NIOSH and NFPA. The coupling is commonly found on SCBA applications including rapid intervention team (RIT) packs. The coupling is available in a low temperature design that can be used in -40°F environments.

Applications: Transfill lines for SCBA equipment.



HK Series

The HK Series industrial interchange quick disconnect coupling features self sealing poppet valves and a rugged ball latch mechanism with an automatic sleeve lock, to deter accidental disconnection during operation. The female half coupling provides an excellent gripping surface for easy connection and disconnection.

Applications: Hydraulic rescue tools.



Walterscheid™ WALFORMplus™

Eaton's Walterscheid WALFORMplus metric tube fittings are engineered to meet and exceed DIN 2353 and ISO 8434-1 in sizes and configurations required for demanding fire suppression applications such as sprinklers and water mist systems. WALFORMplus metric tube fittings improve equipment utilization, reduce replacement costs, maintain original equipment appearance and provide the highest quality leak-free solutions in the industry and feature Guardian Seal™ plating technology for high corrosion protection.



Accessories

Firesleeve & Clamps

Eaton firesleeves and clamps are designed to protect hose assemblies from direct flame. Firesleeving is constructed of a uniform layer of braided fiberglass tubing impregnated with flame resistant silicone rubber and has a temperature range of -65°F to +500°F. Firesleeve must be attached to hose lines using recommended Eaton firesleeve clamps.

Applications: Any application where a chance for flame may be apparent.



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