# Fluid Conveyance Rescue and Fire Prevention Products

Product Focus

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Eaton Corporation offers a wide variety of products for the rescue and fire prevention markets. Using aerospace specifications, Eaton has created products for these demanding markets. From hose and fittings to specialty couplings, Eaton can help your business make the world safe.

## Hose

### Fire Suppression Hose

Eaton's 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: Mining vehicles equipped with fire suppression systems to protect operators and reduce downtime if a fire occurs.

### Teflon® FC493-04 Hose

The FC493-04 hose has an outer cover that includes 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.

Teflon is a registered trademark of Dupont. Only Dupont makes Teflon®.

### Twin-line SAE 100R7 & 100R8 Hose

Eaton® Twin-line hoses are manufactured with two permanently joined high-pressure thermoplastic hoses. The polyurethane cover is available in either orange or black and can be perforated or non-perforated based on application needs. The bonded hose construction provides maximum flex life and kink resistance for hydraulic system services using petroleum, fire-resistant and water based fluids and lubricating systems.

Applications: Hydraulic rescue tools.

### Startlite® Hose

Eaton's high performance lightweight Startlite® Hose provides increased abrasion resistance and overall hose strength by adding Kevlar® to the fire-resistant polyester blend cover. Eaton's AQP inner tube is ideal for breathing air applications. Hose assemblies are 45% lighter in weight than conventional hose assemblies.

Applications: Auxiliary air line on SCBA units for emergency use.

Kevlar is a registered trademark of Dupont. Only Dupont makes Kevlar®.

## Quick Disconnect Couplings

### SCBA Coupling

The Eaton 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 now available in a low temperature design that can be used in -40˚F environments.

Applications: Transfill lines for SCBA equipment.

### FD45 Quick Disconnect Coupling with Sleeve Lock

The FD45 Coupling is an industrial interchange quick disconnect coupling that features self sealing poppet valves and a rugged ball latch mechanism with an automatic sleeve lock to deter accidental disconnection during operation. The coupling contains a silicone rubber collar on the sleeve of the female coupling half to protect against high temperatures and provides an excellent gripping surface during connection and disconnection.

Applications: Hydraulic rescue tools.

## Accessories

### Firesleeve & Clamps

Eaton firesleeving 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. Firesleeving 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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